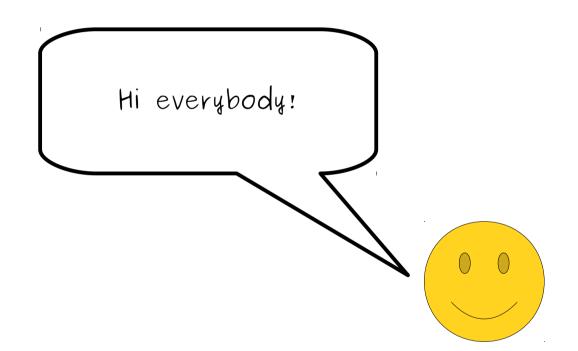
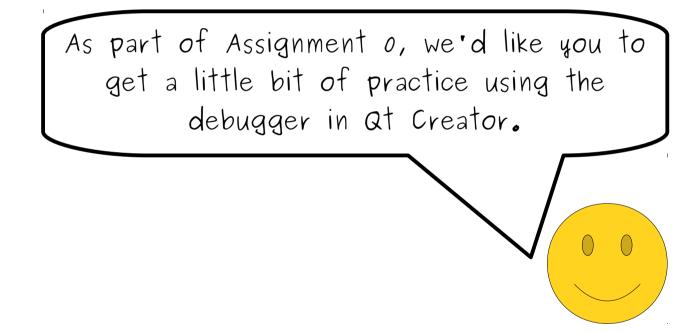
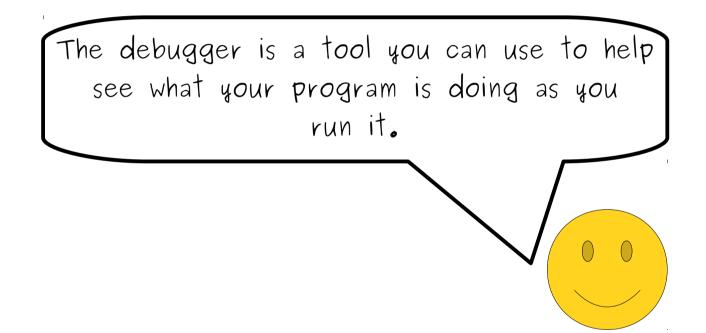
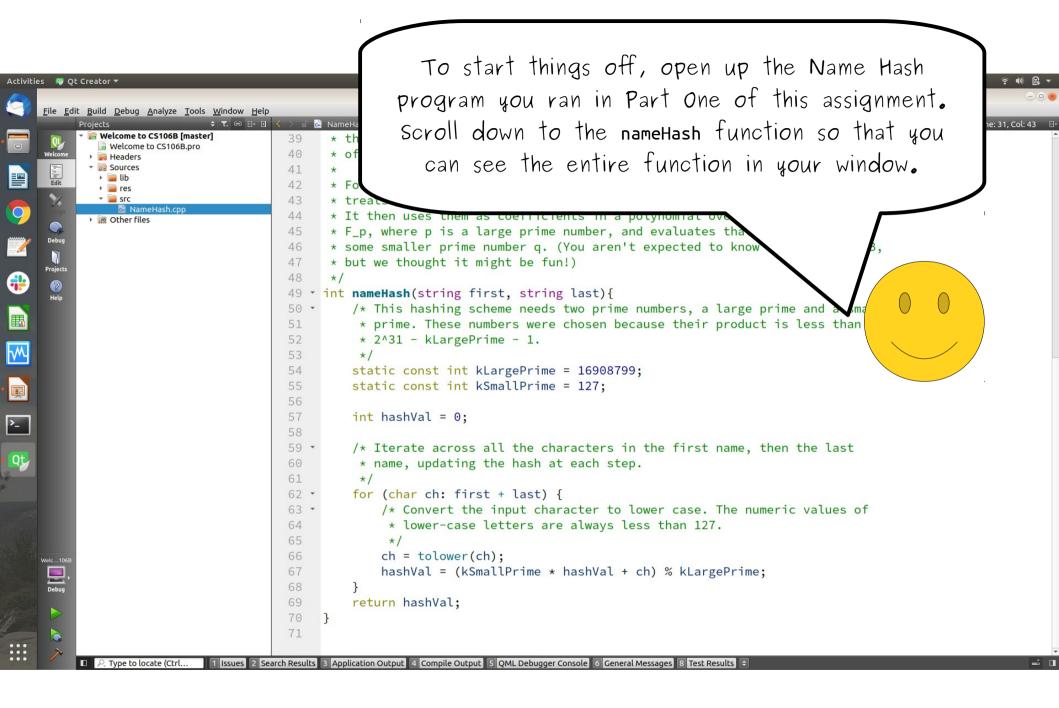
Assignment 0: Using the Debugger

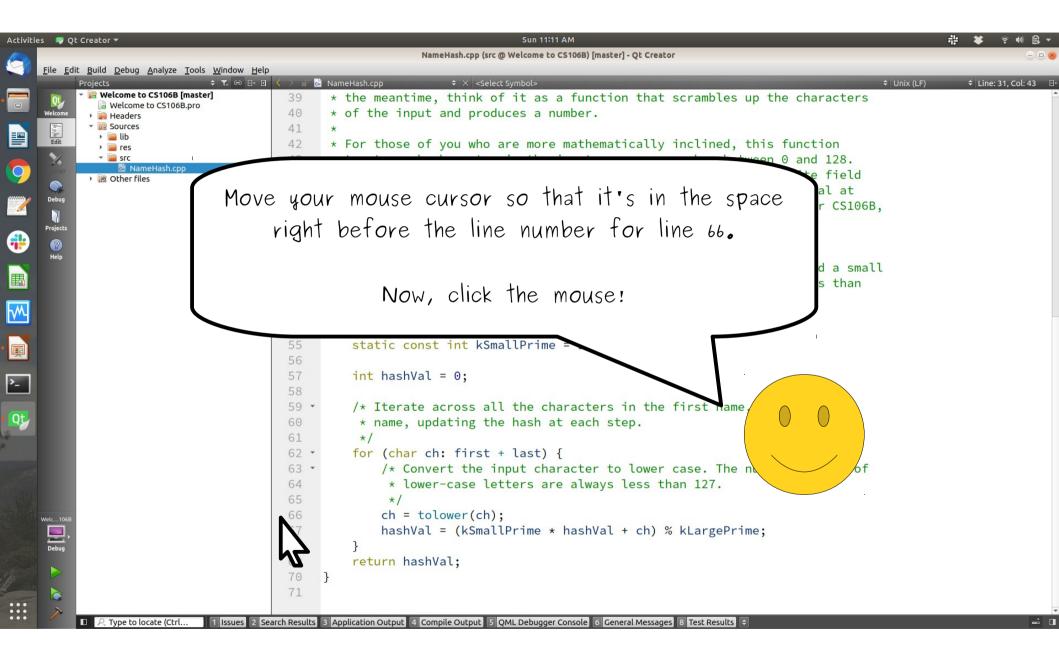


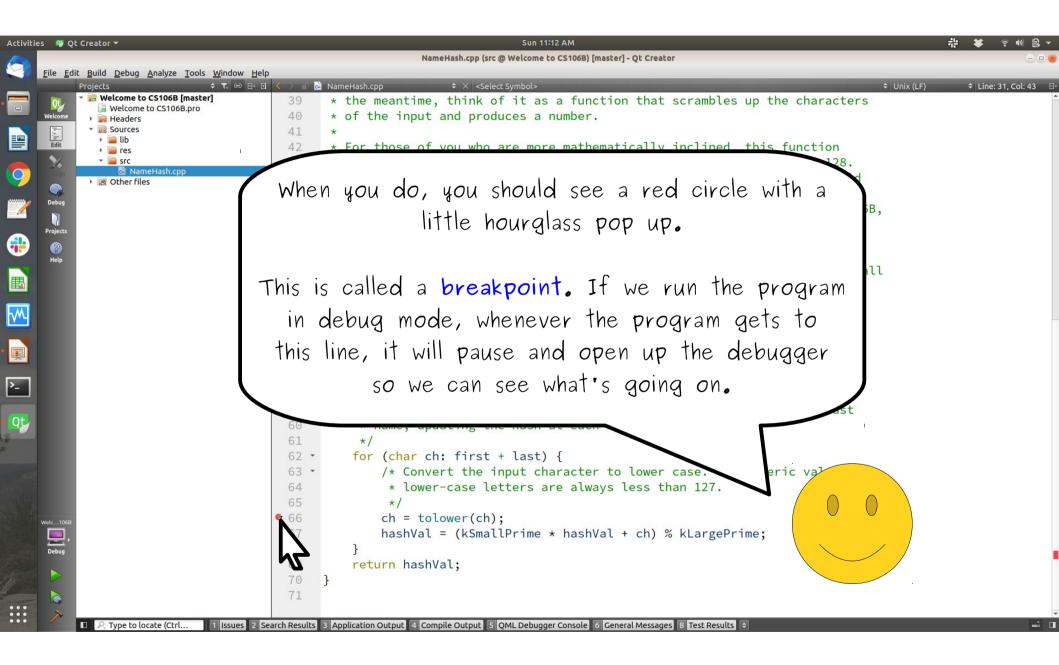


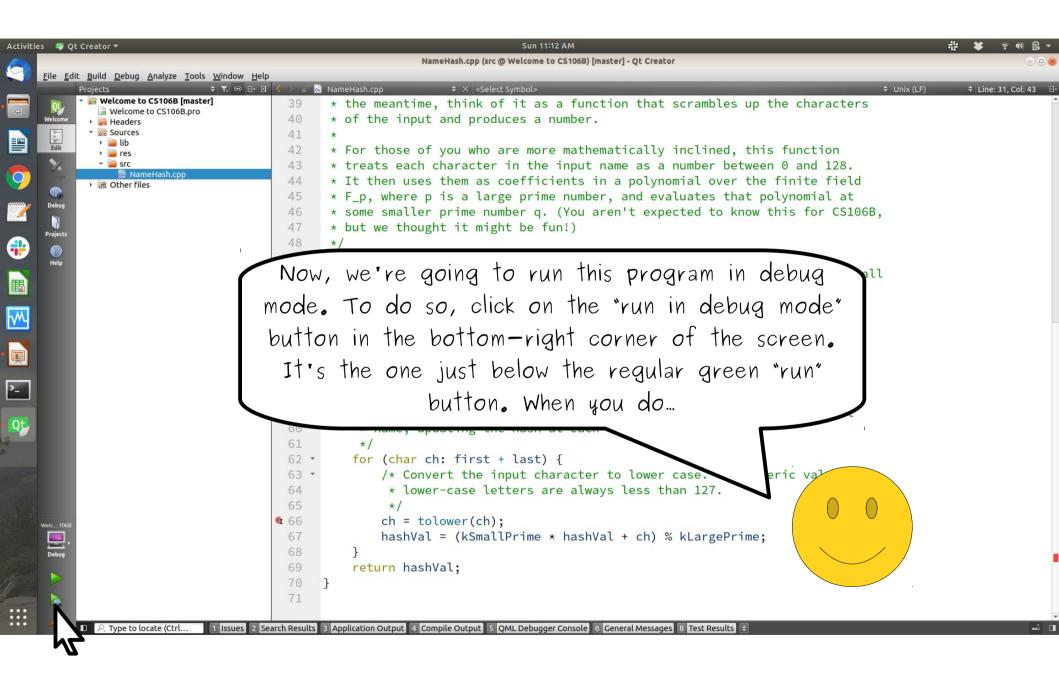


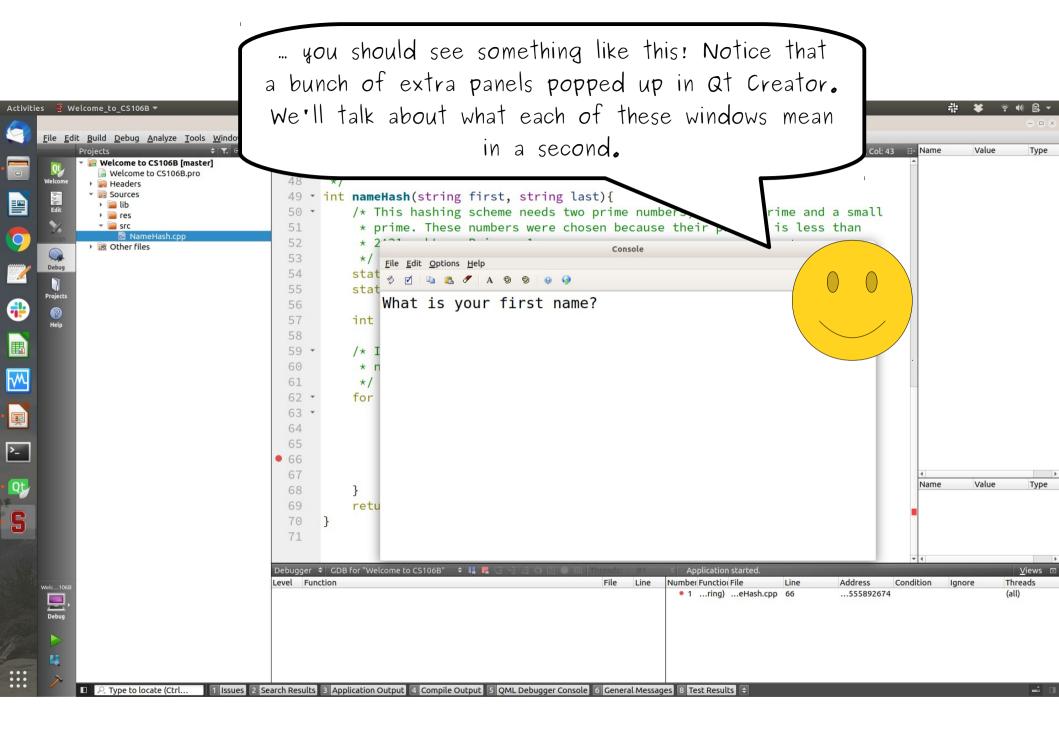
It's really useful for helping find errors in your programs, and the more practice you get with it, the easier it'll be to correct mistakes in the programs you write. Think of this guide as a little tutorial walkthrough to help give you a sense of how to use the debugger and how to make sense of what you're seeing.

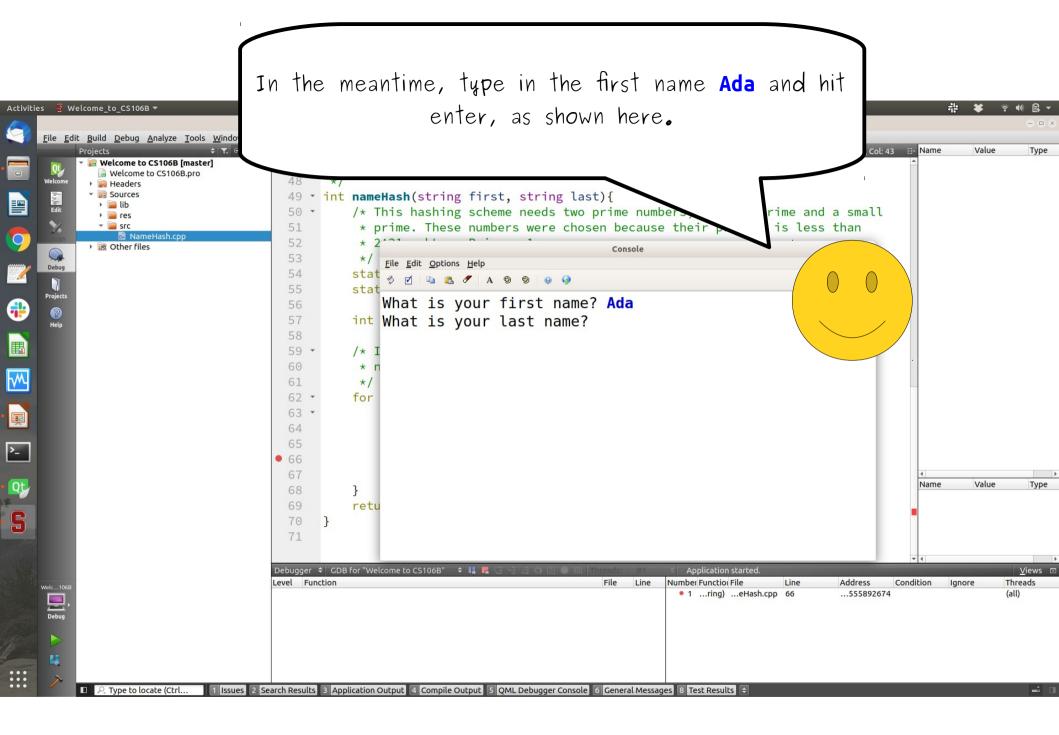


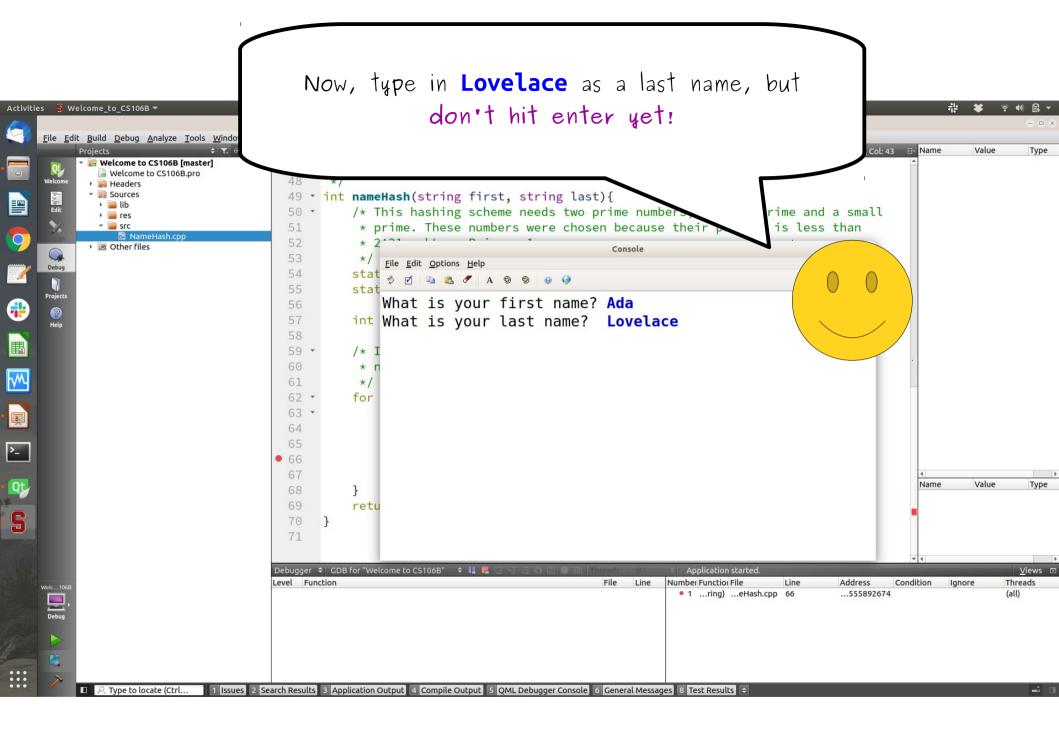


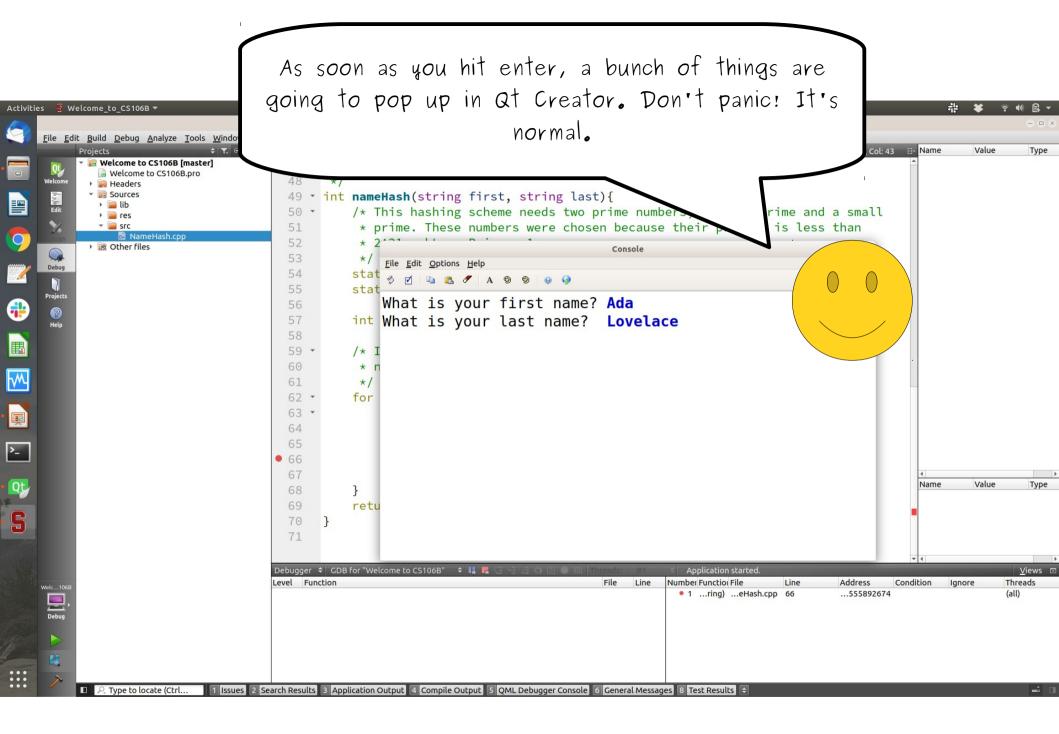


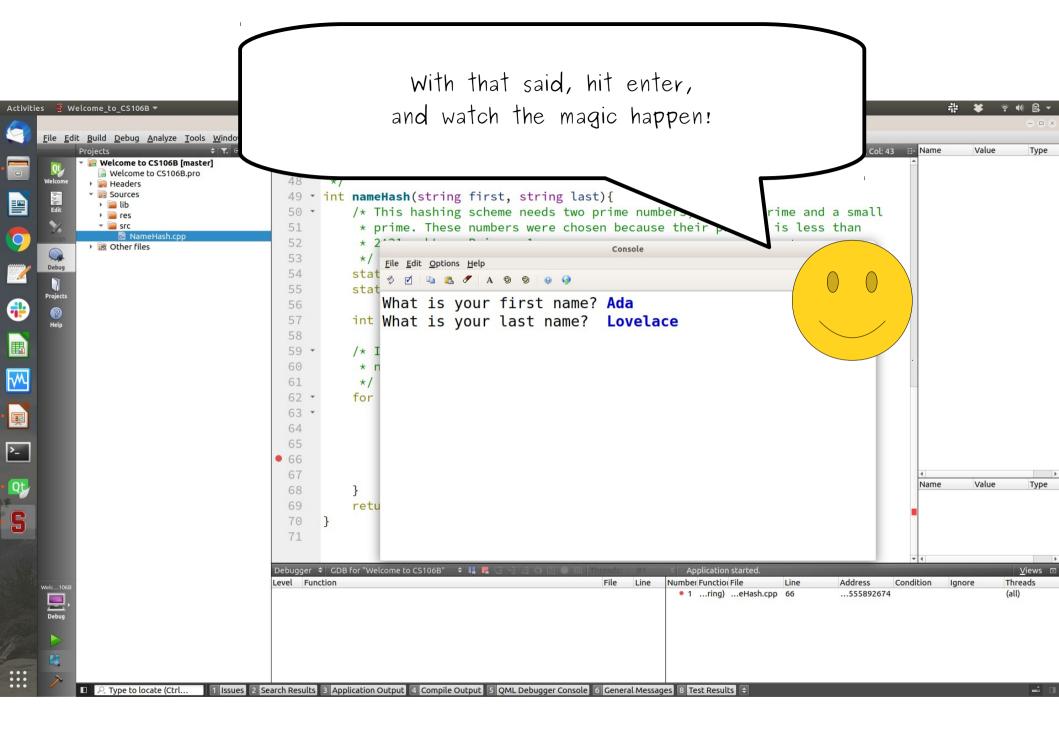


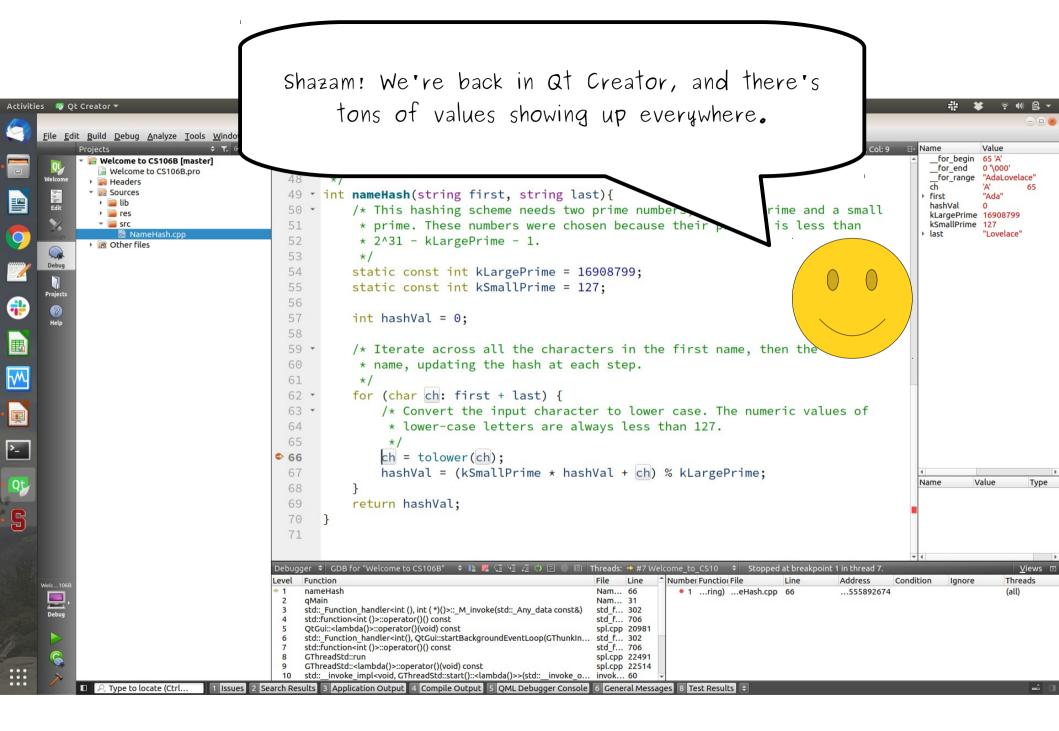


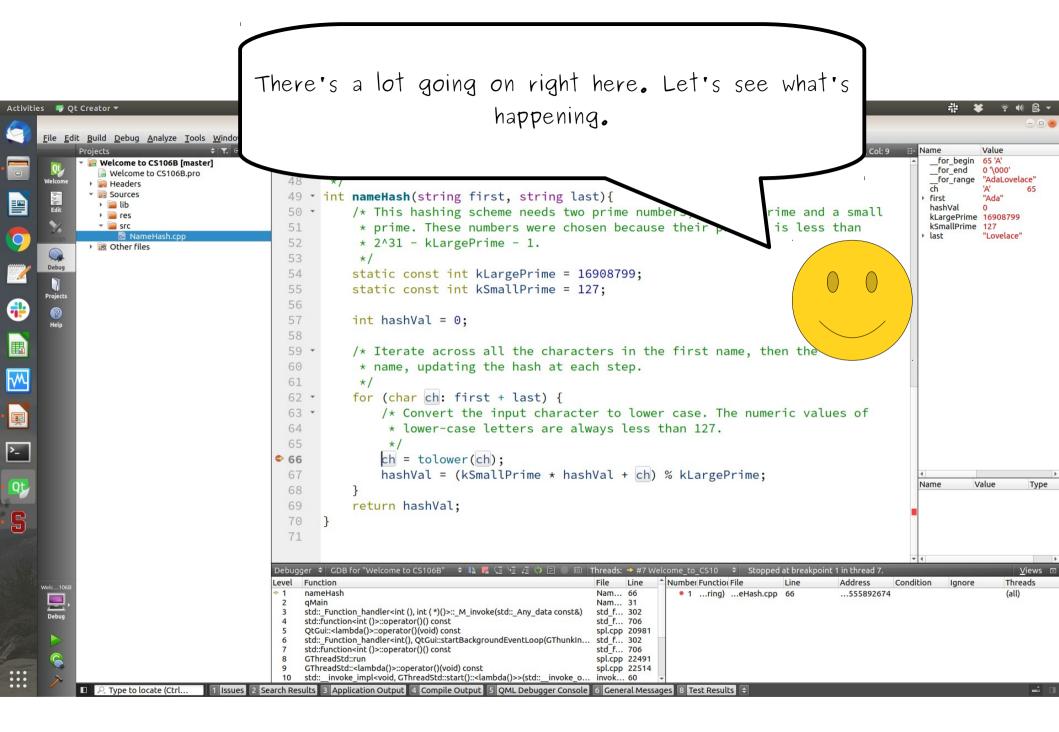


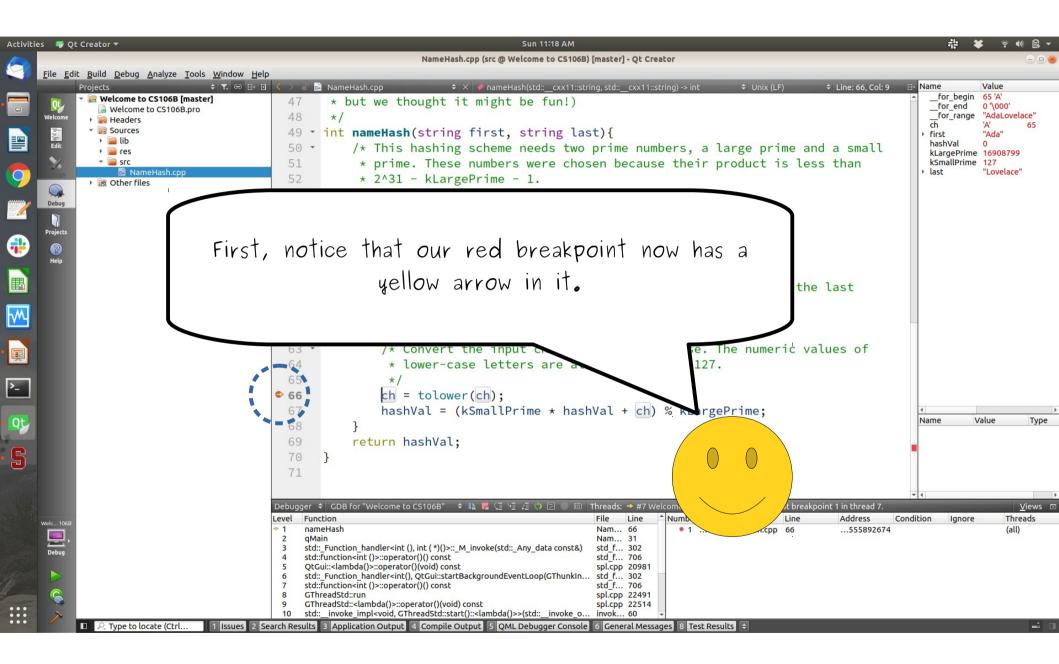


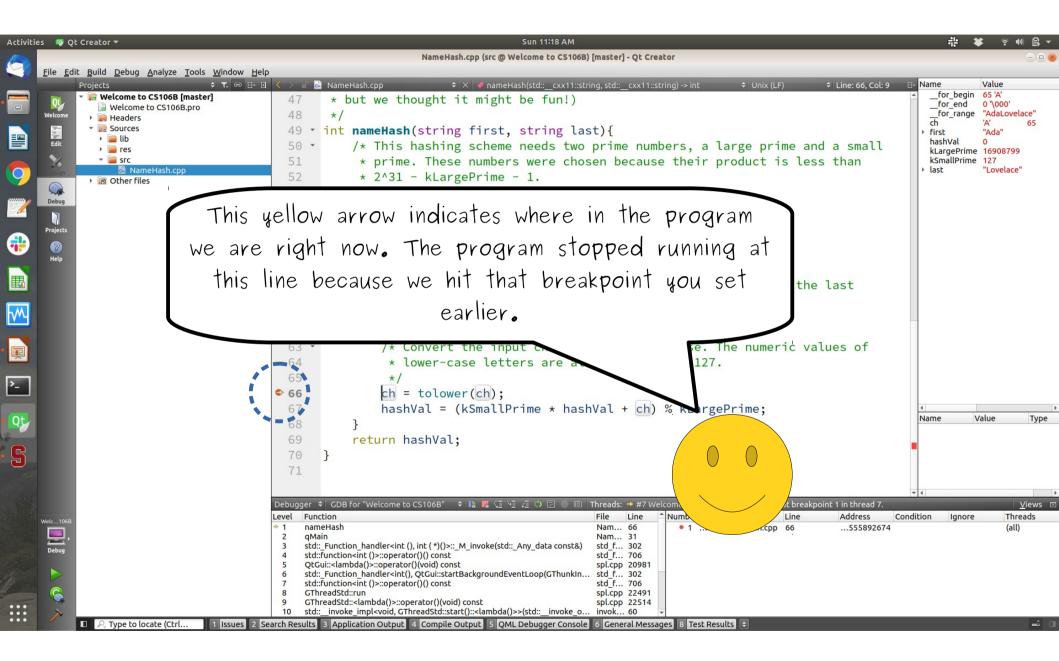


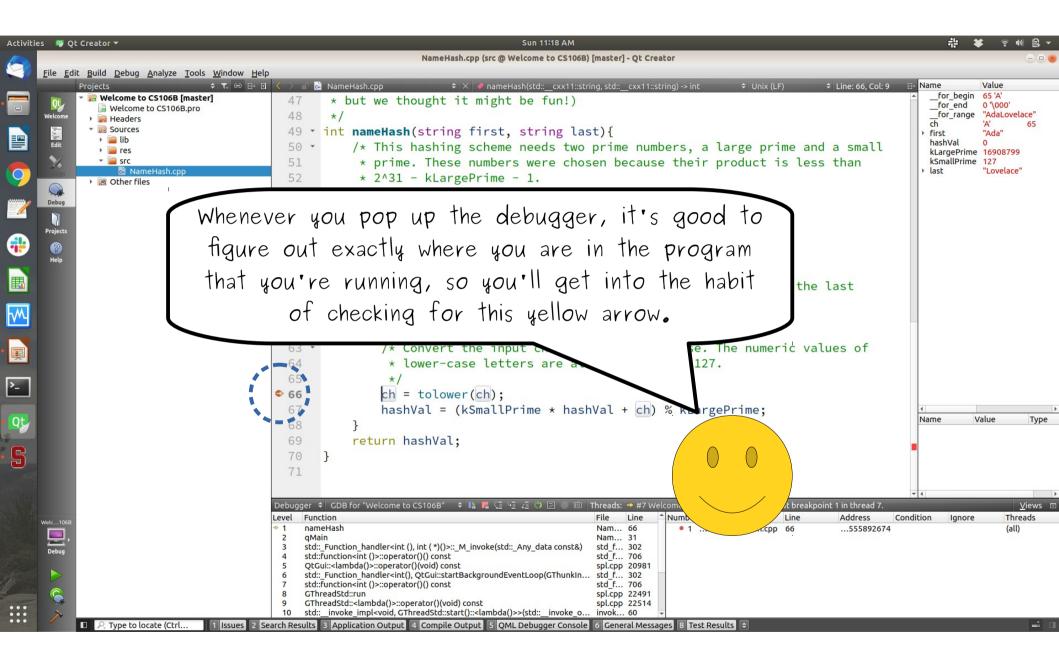


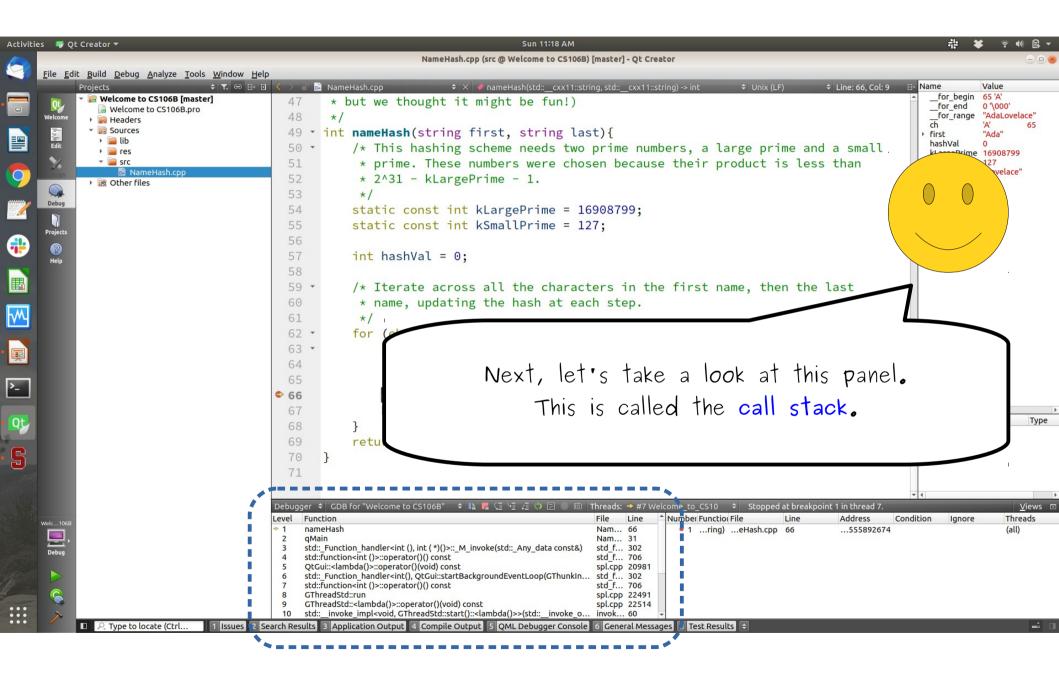


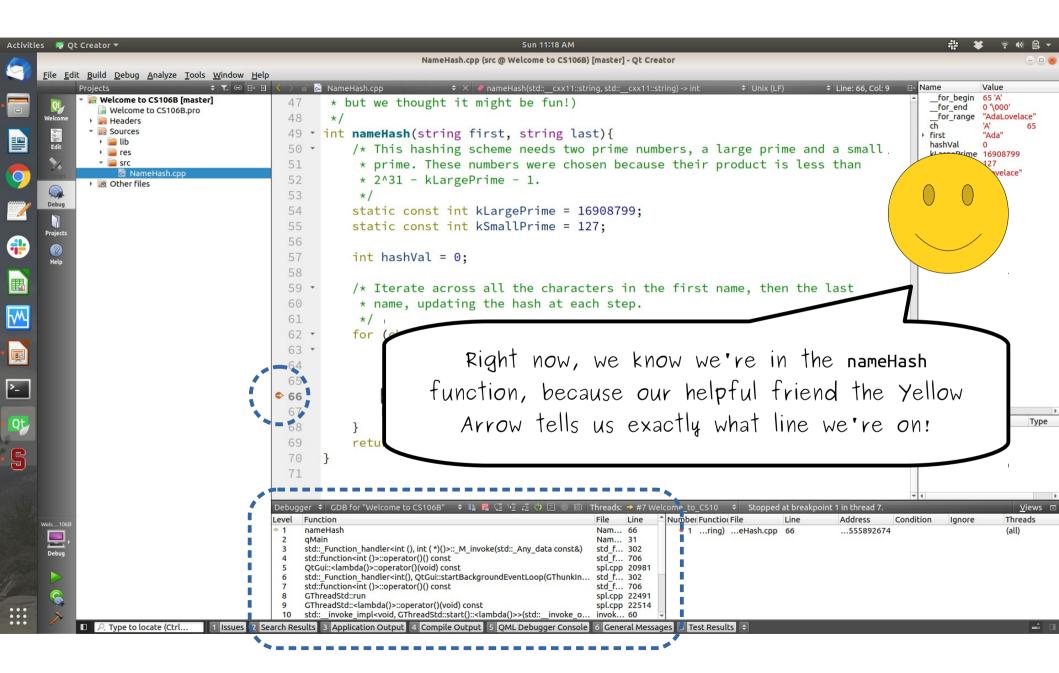


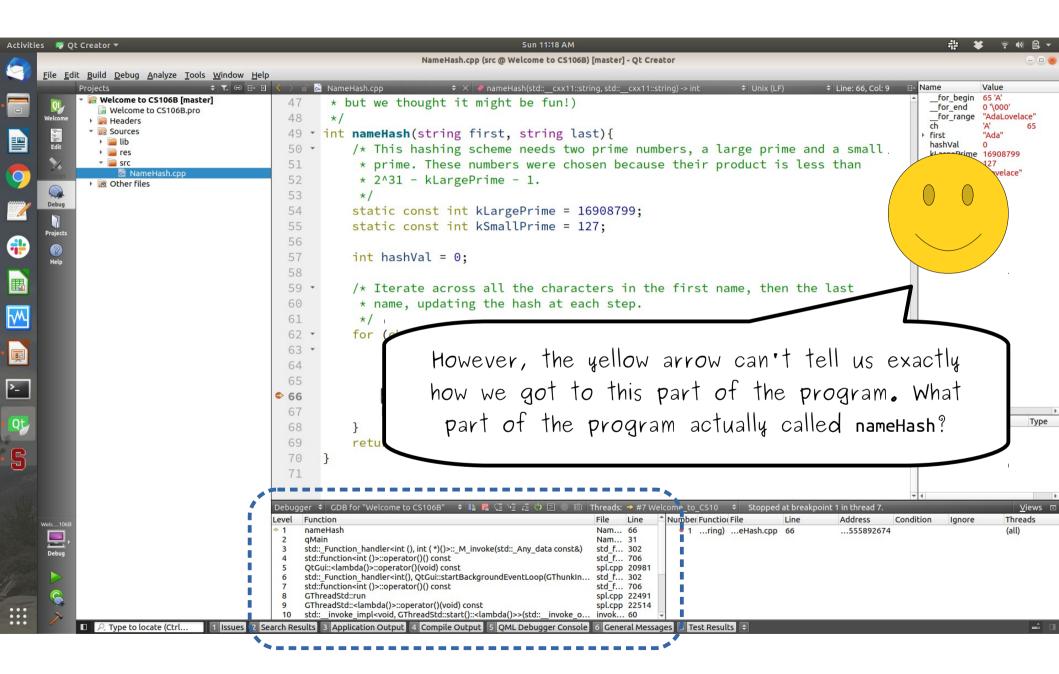


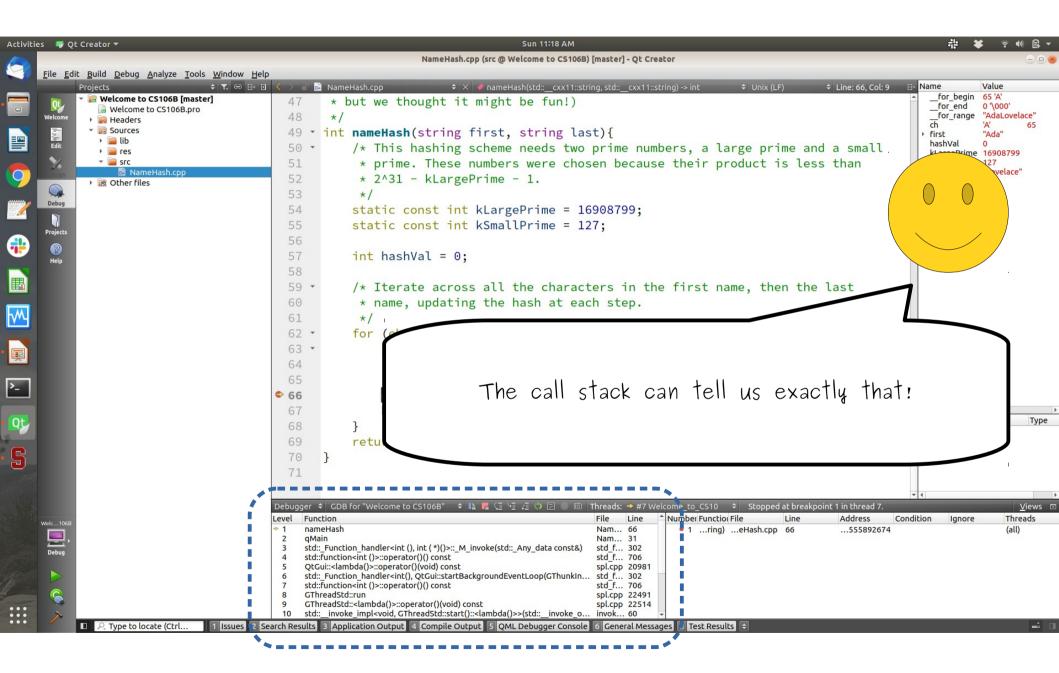


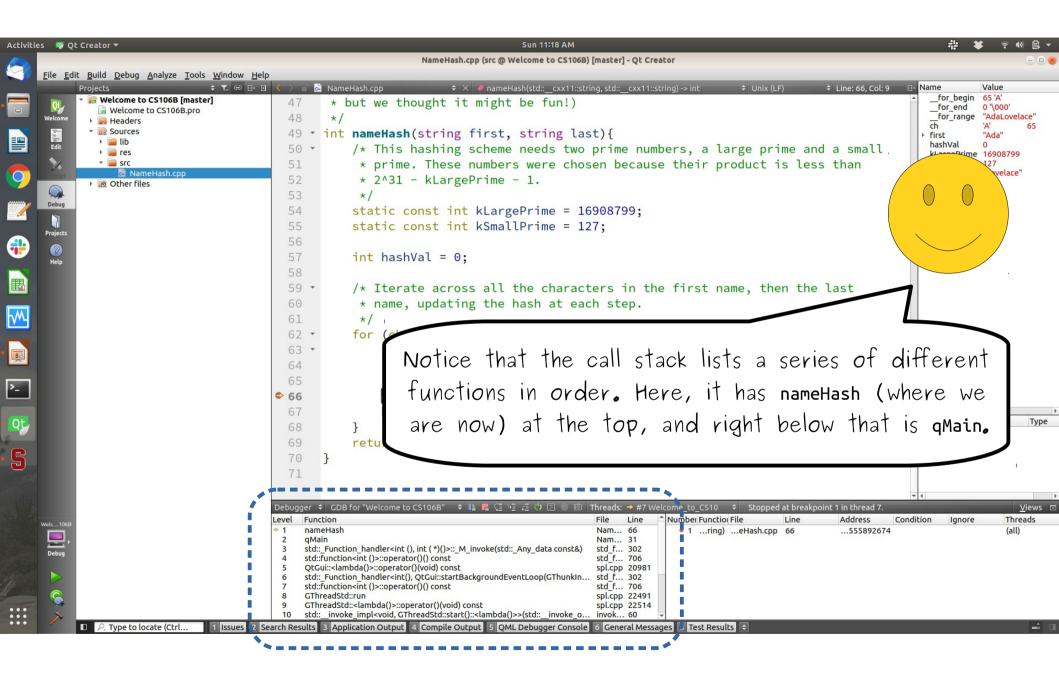


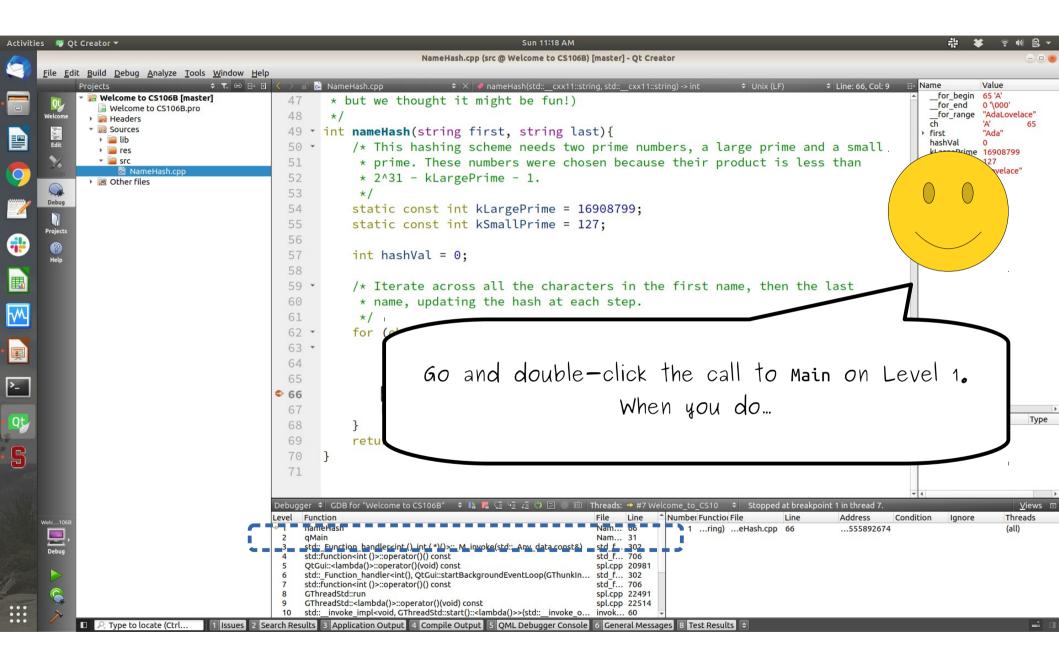


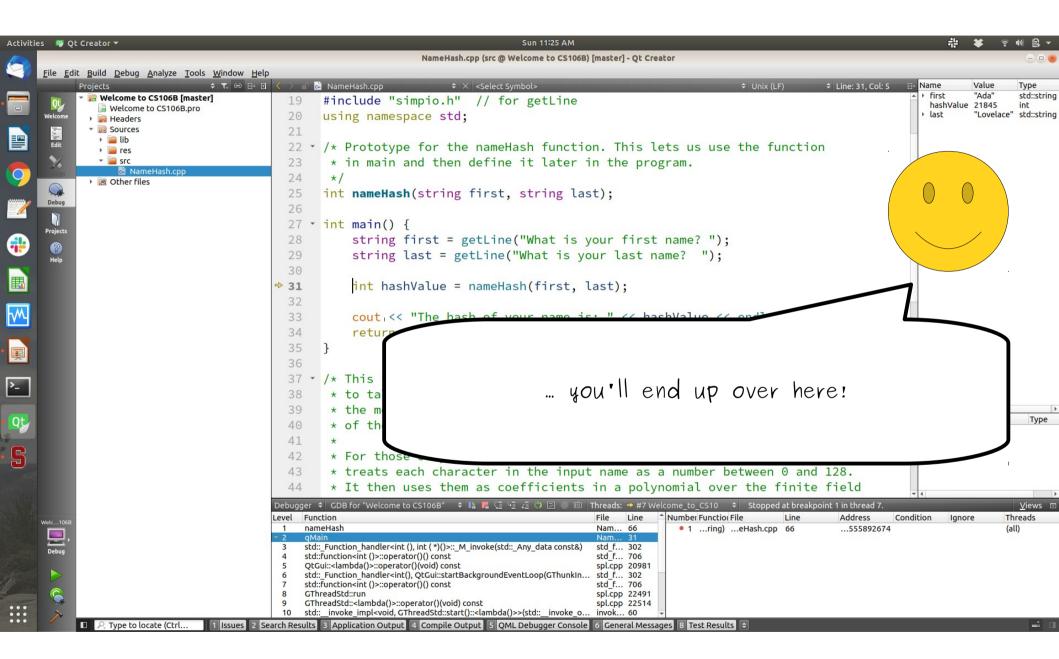


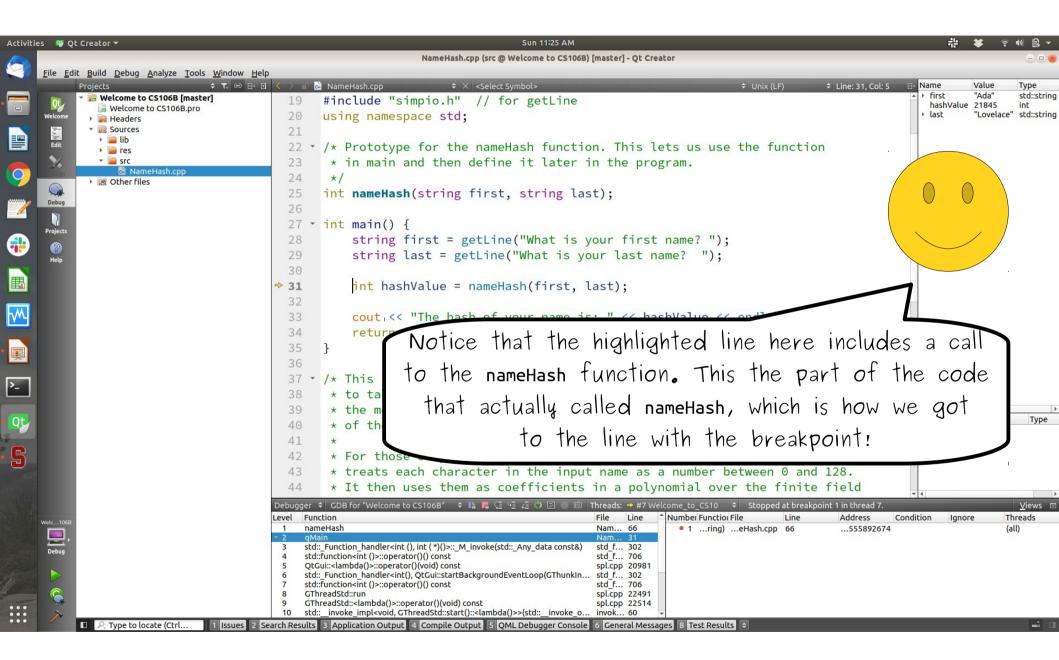


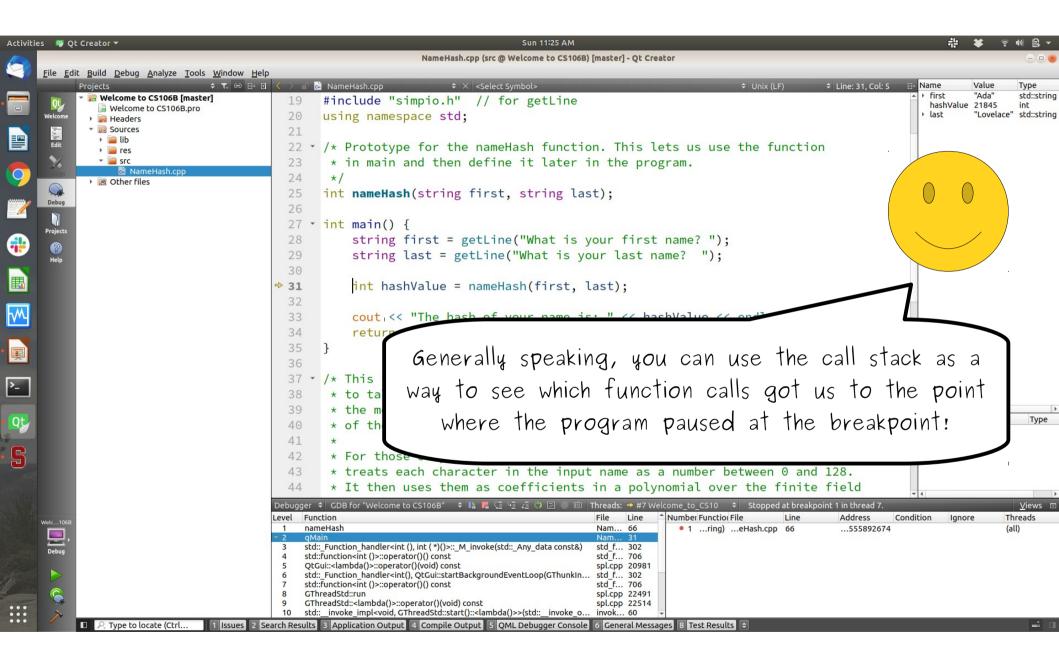


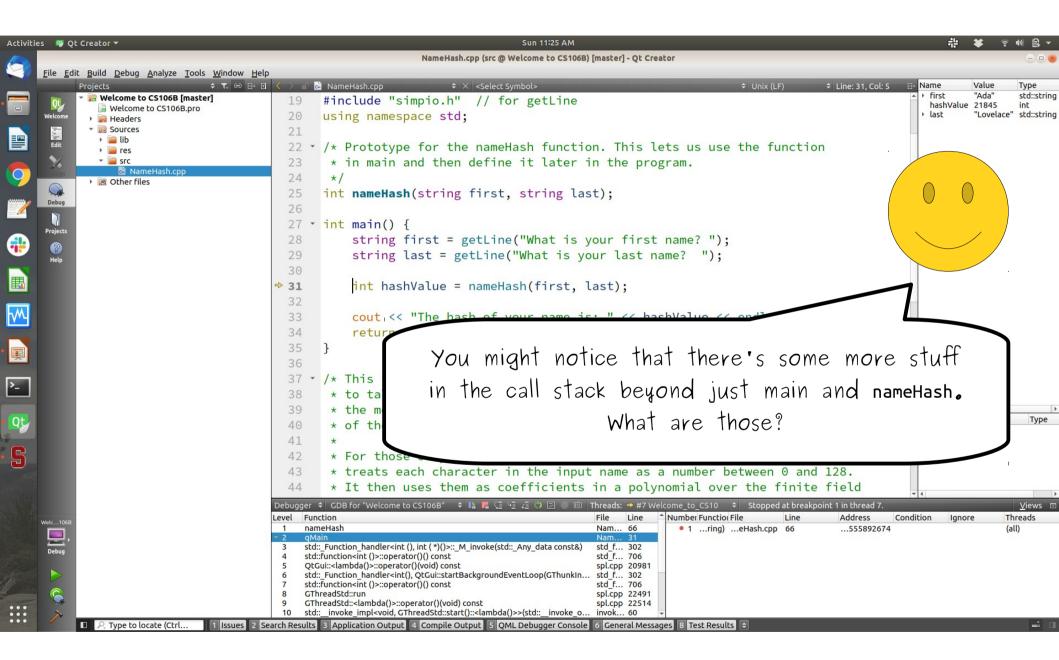


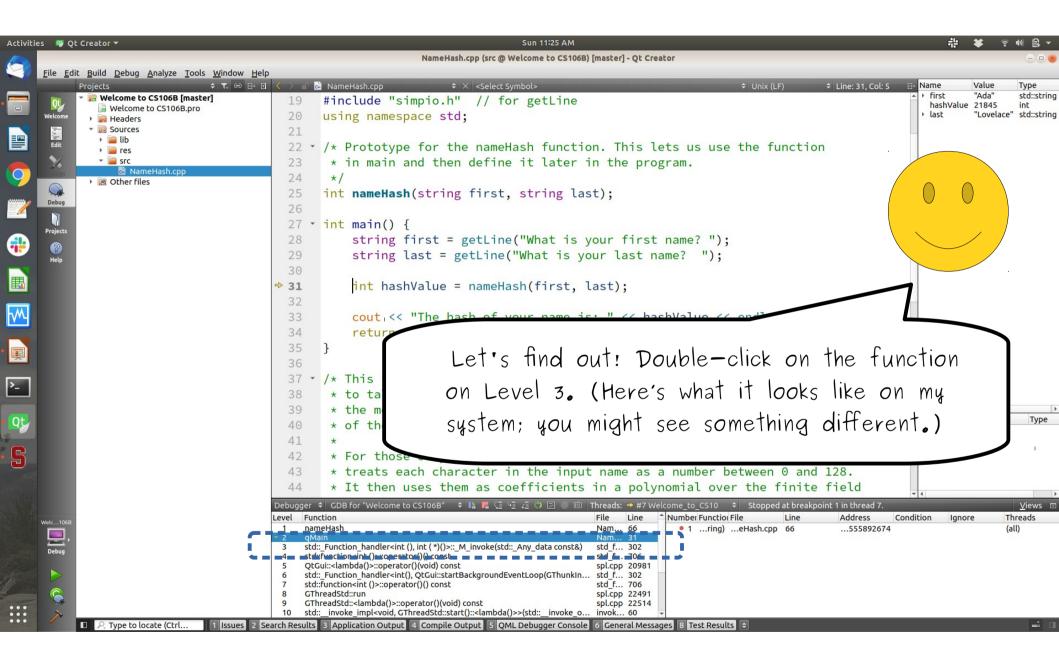


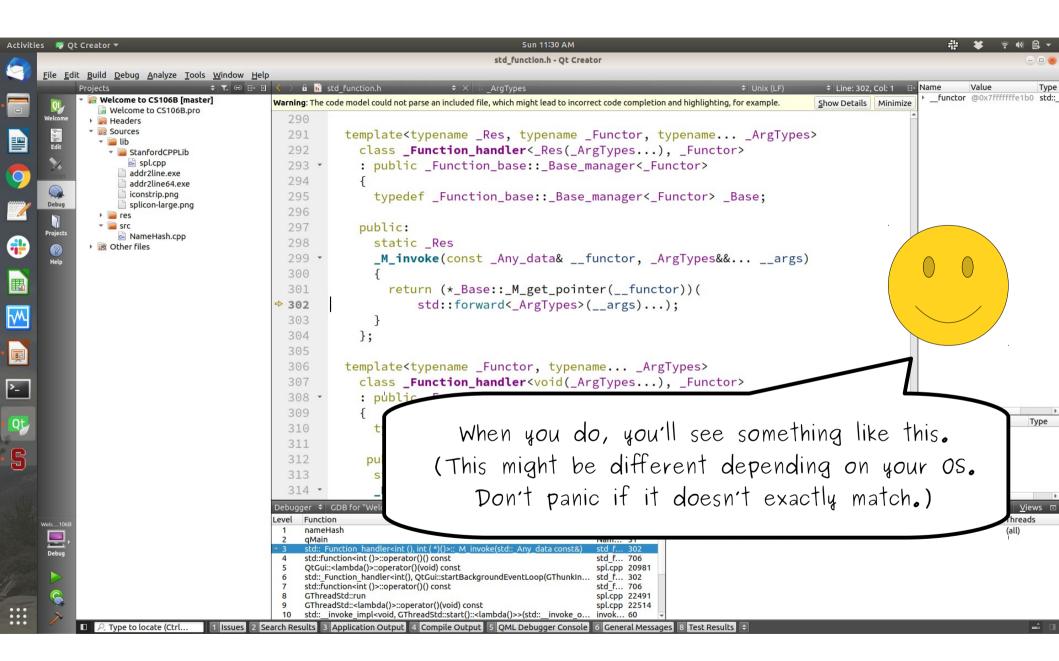


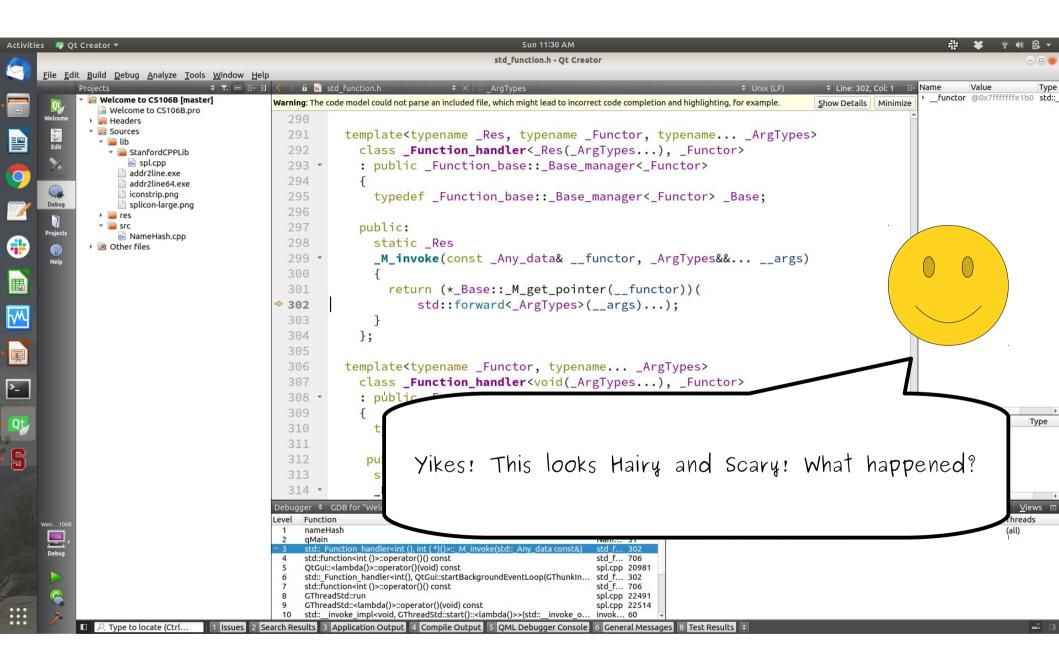




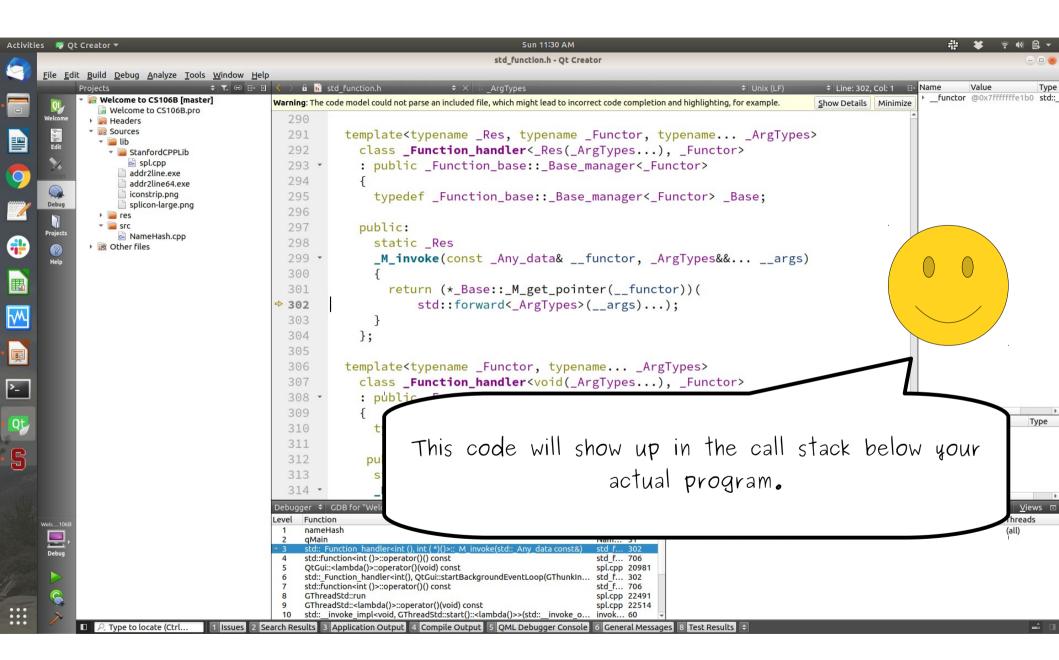




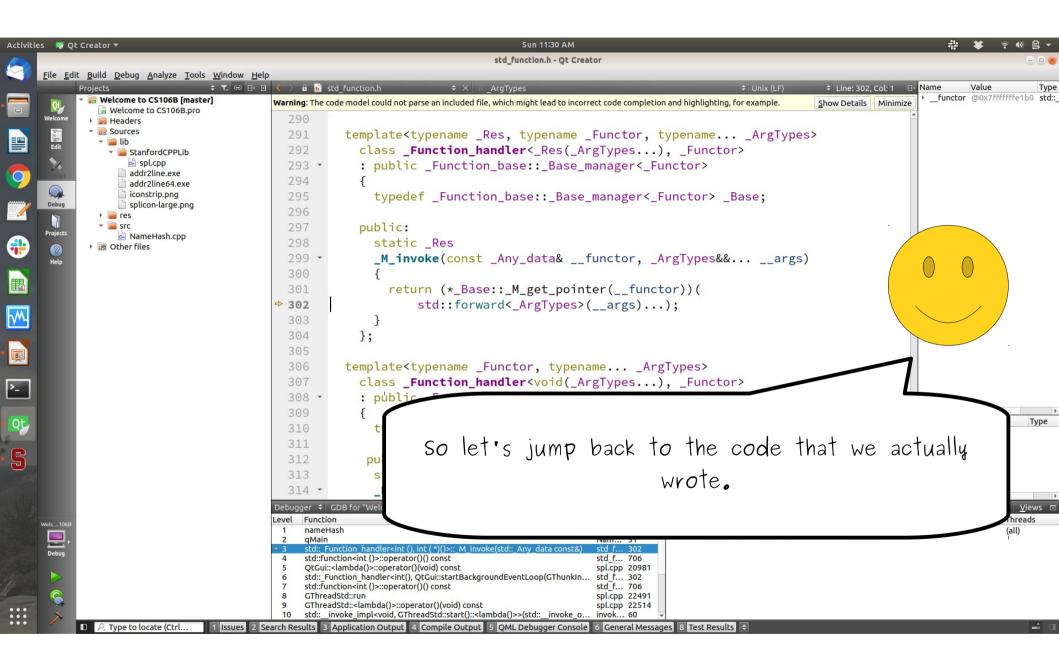


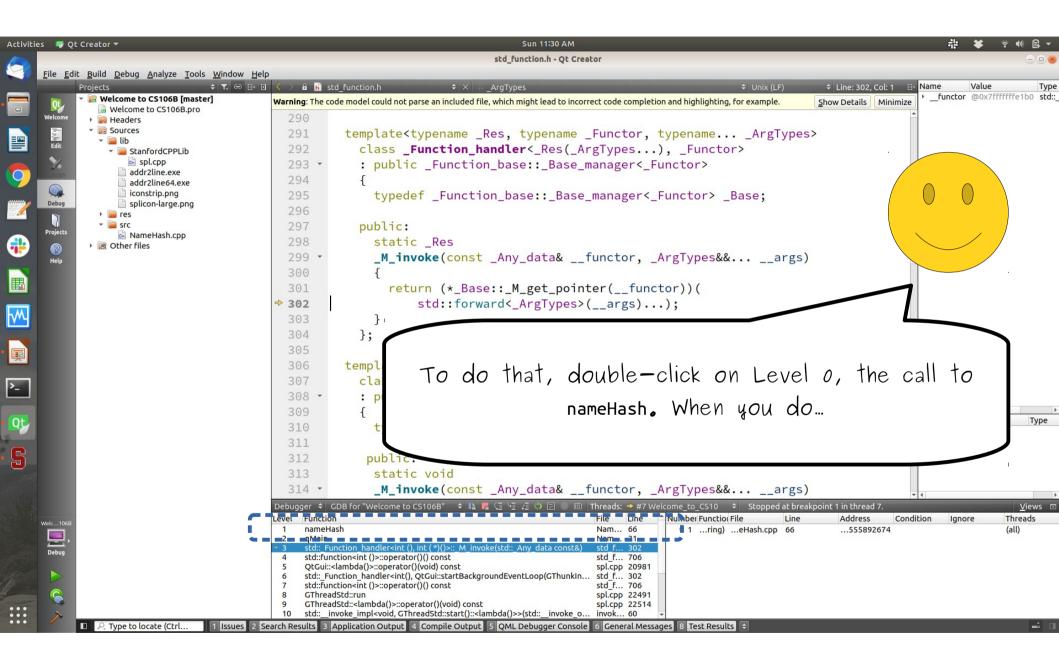


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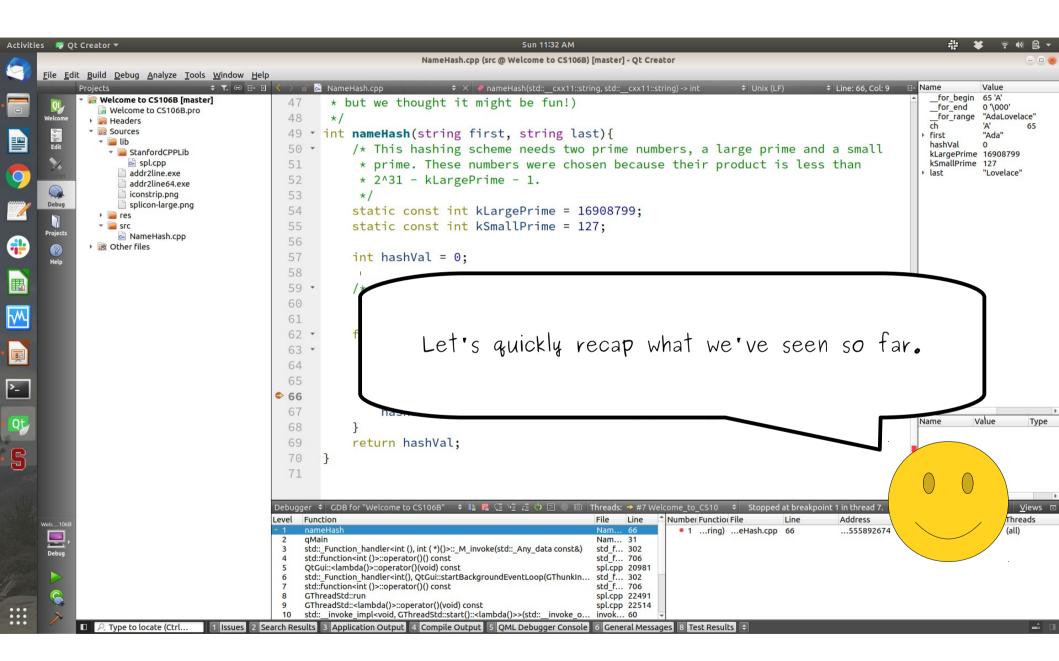


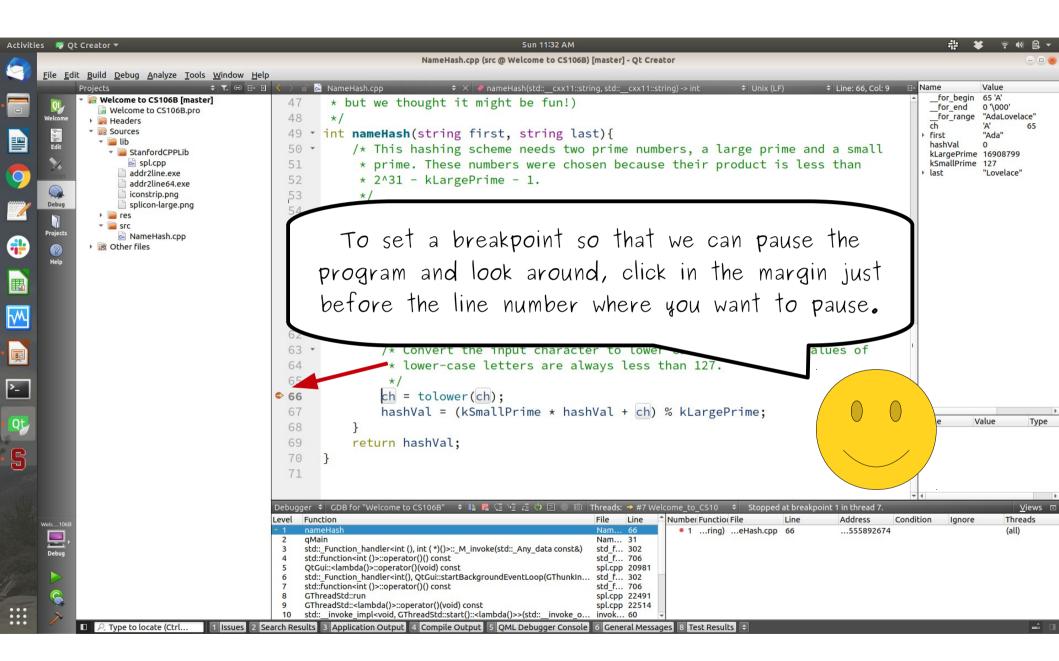
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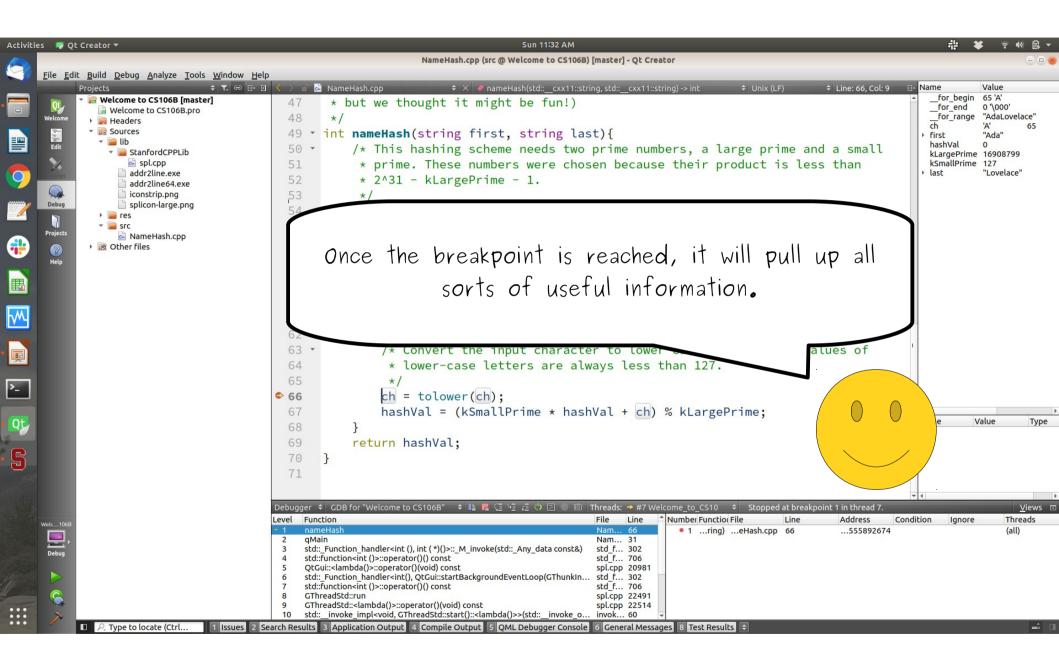


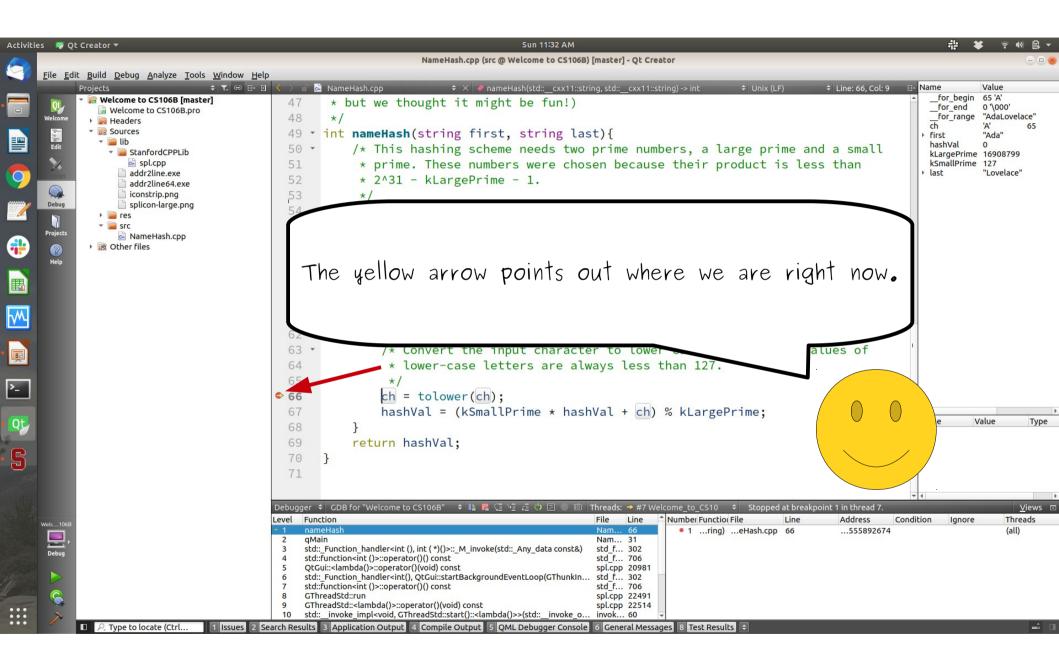


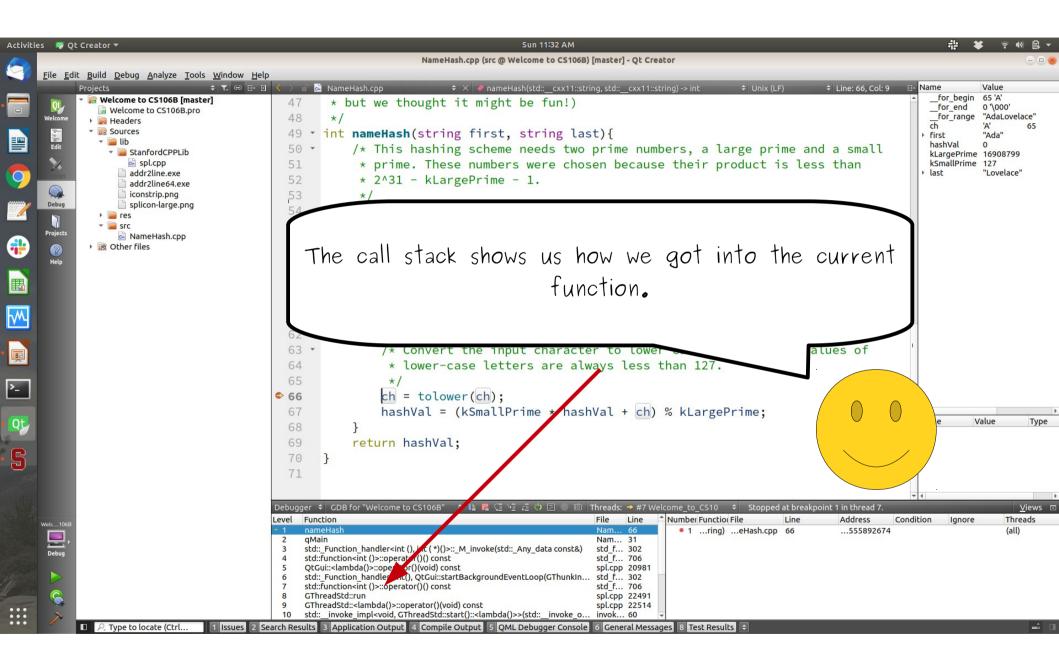
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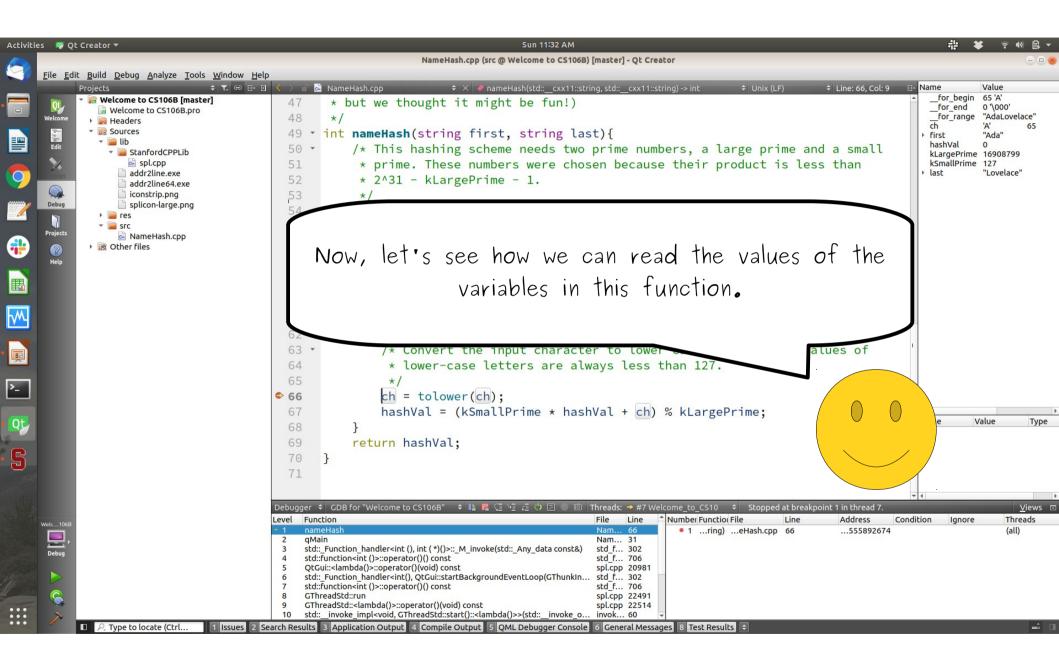


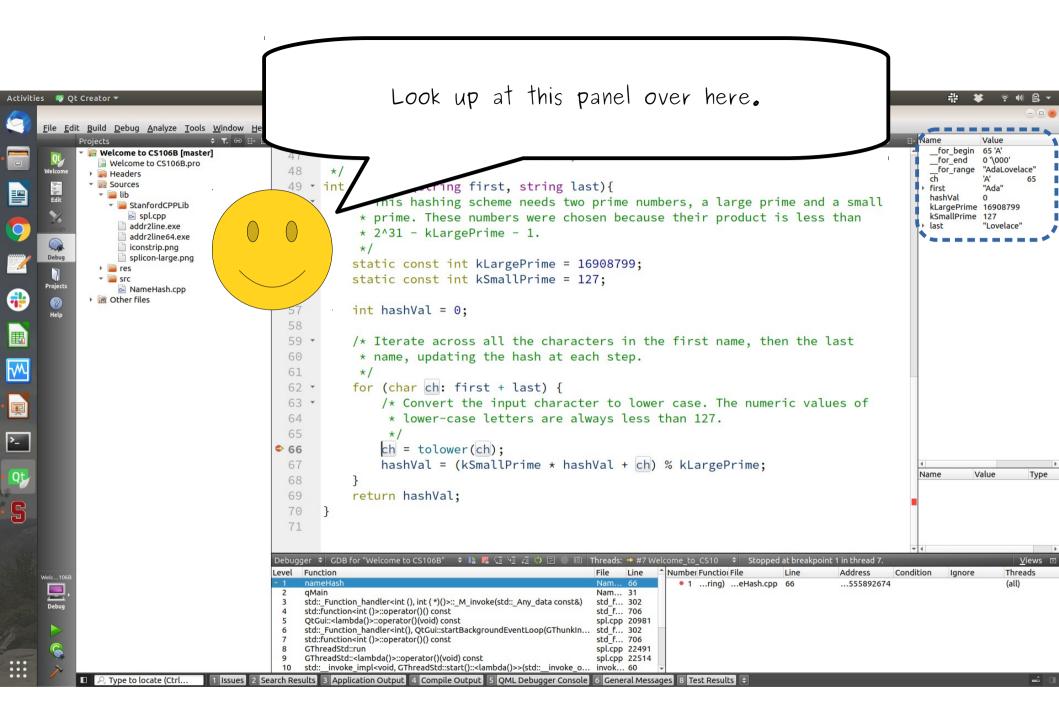


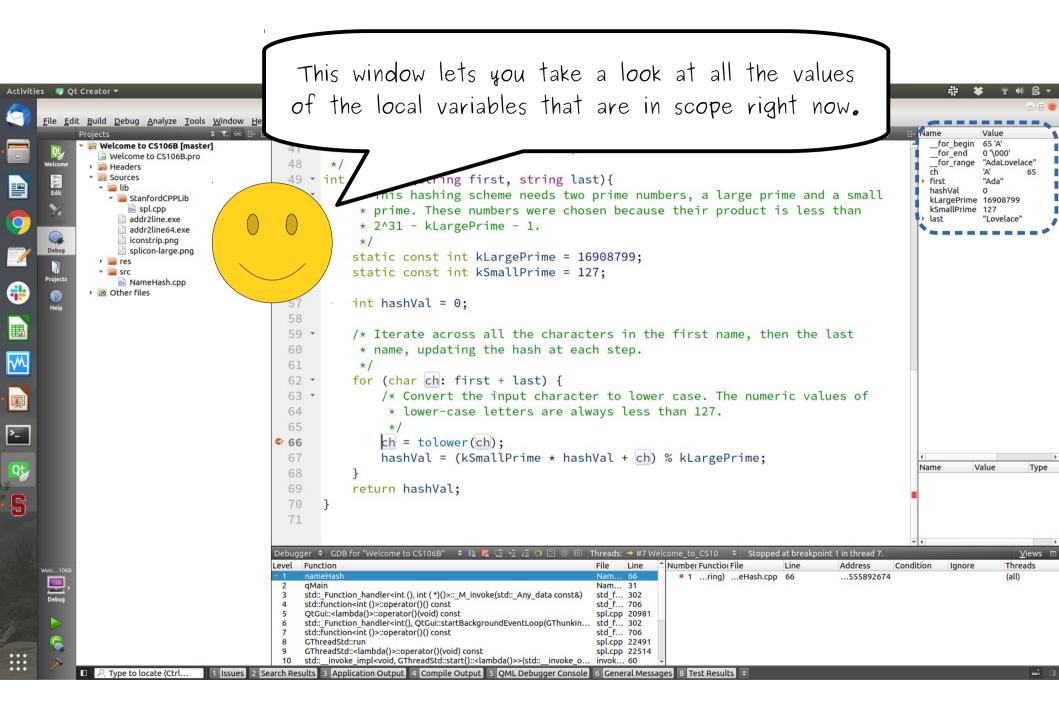


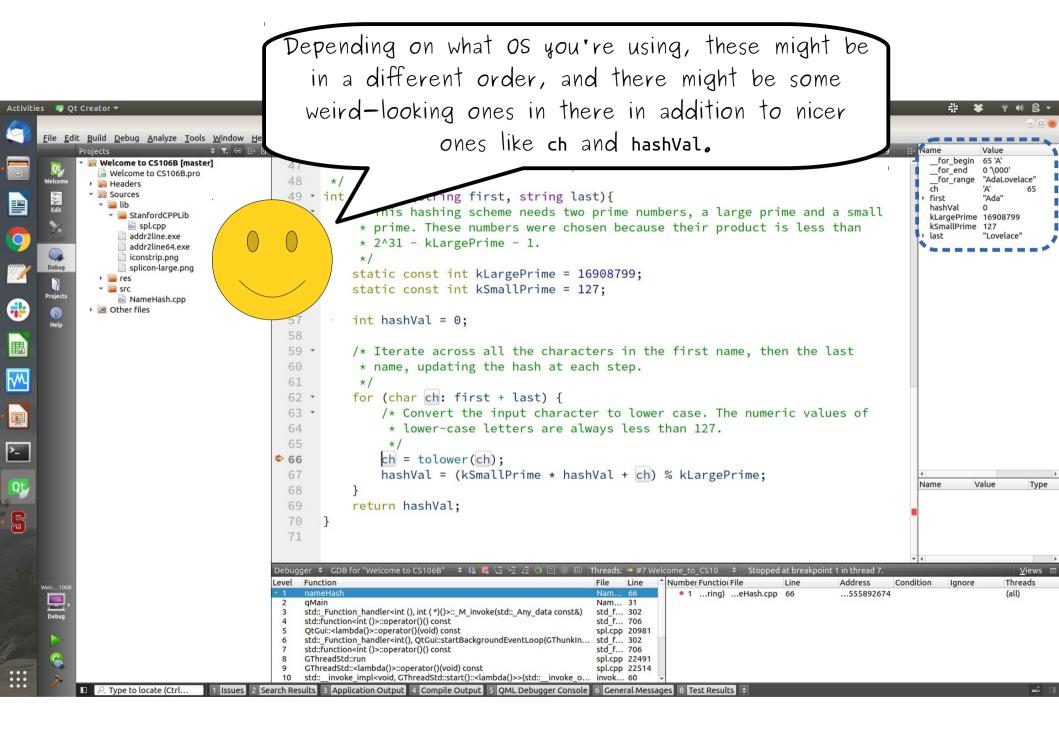


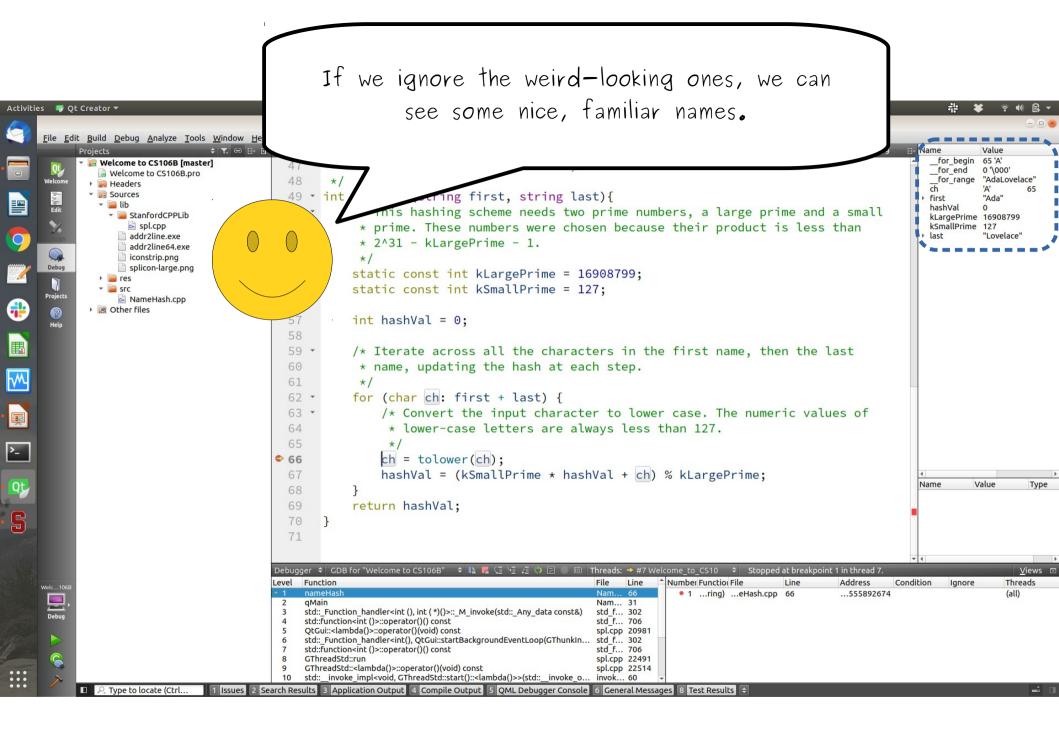


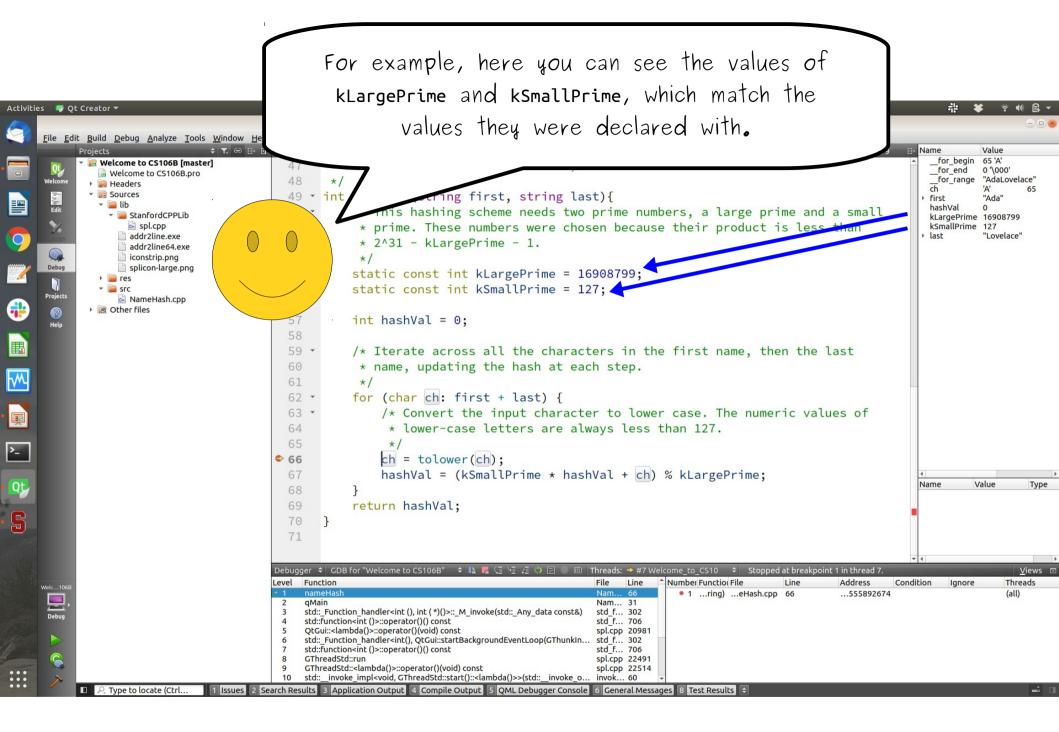


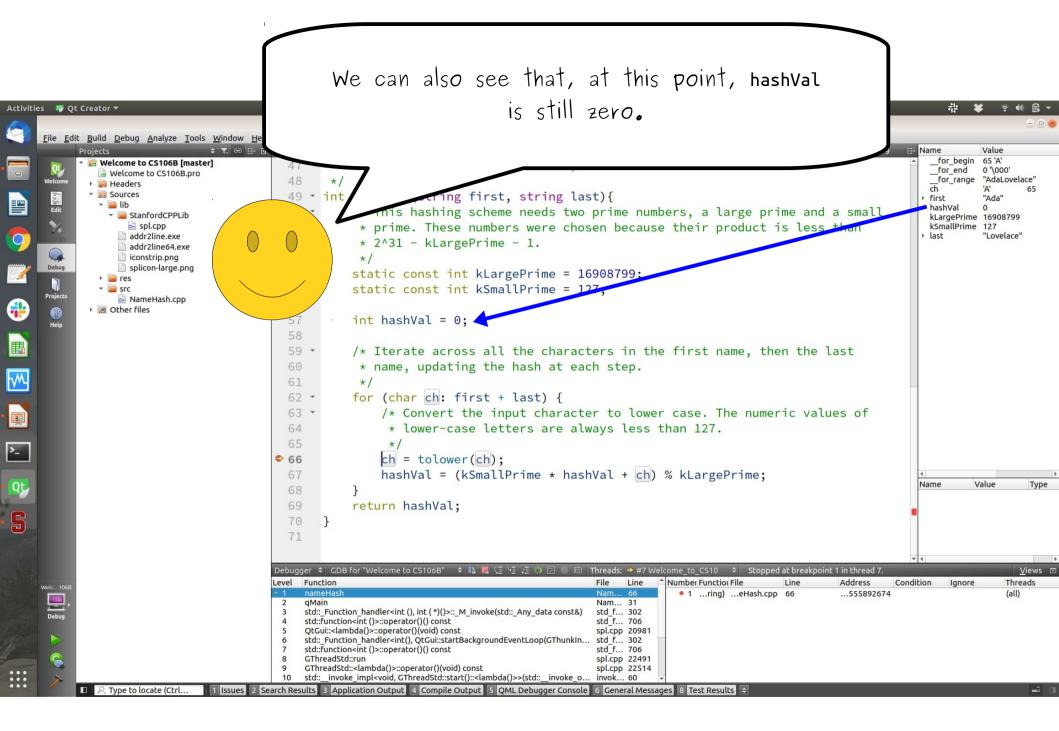


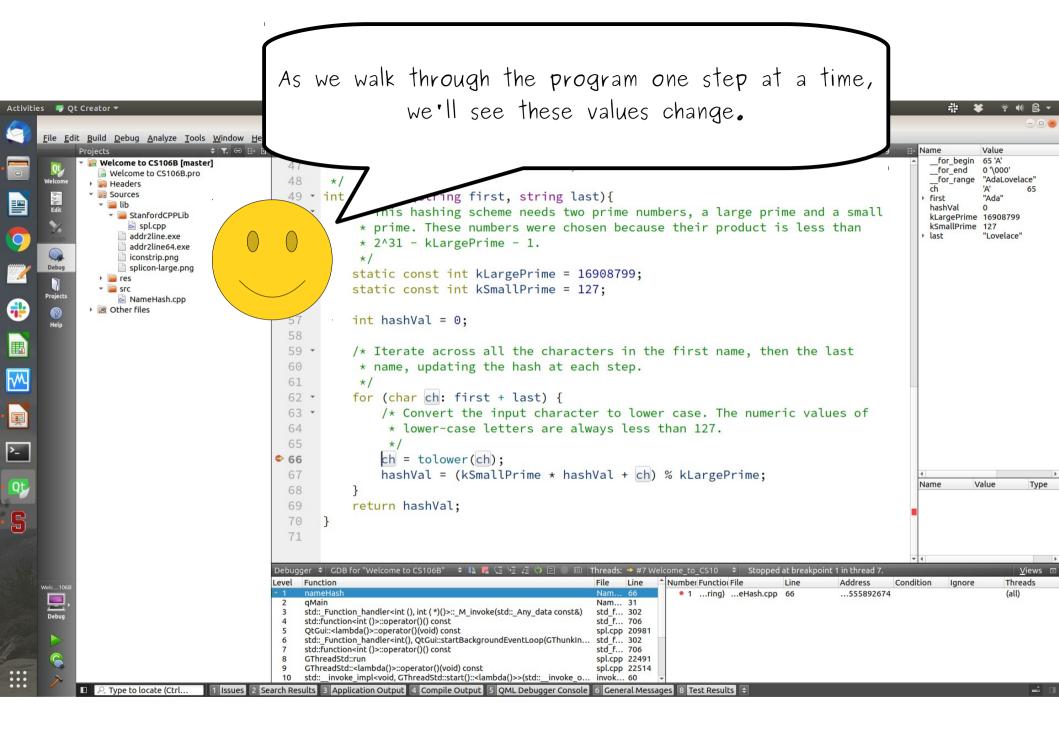


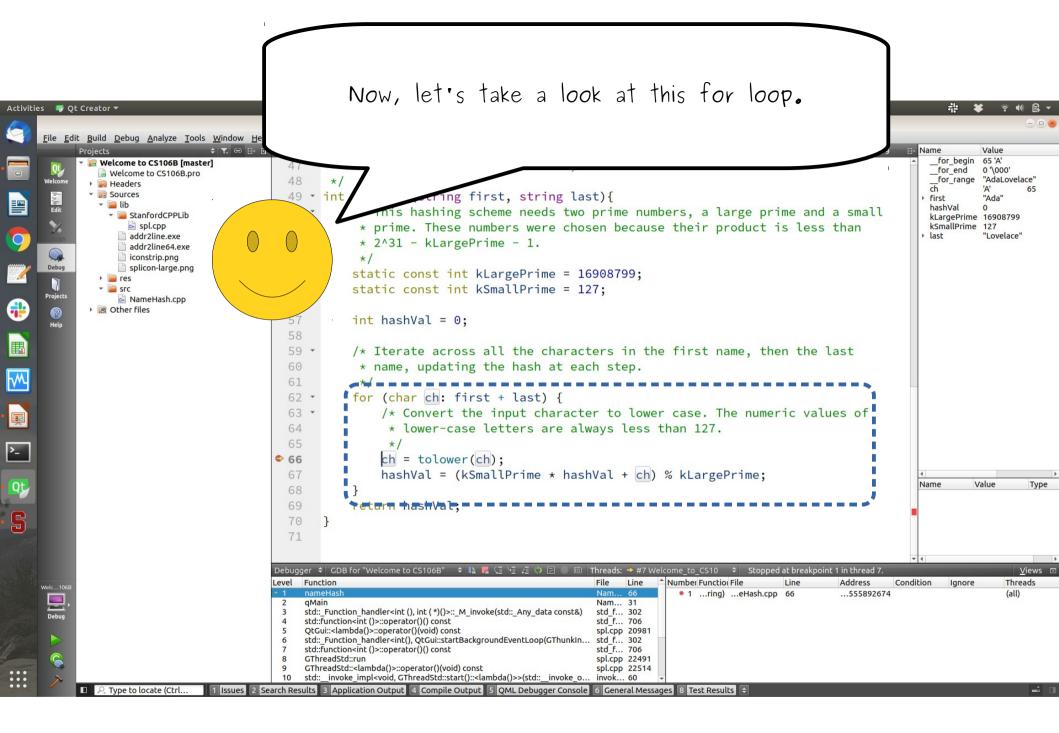


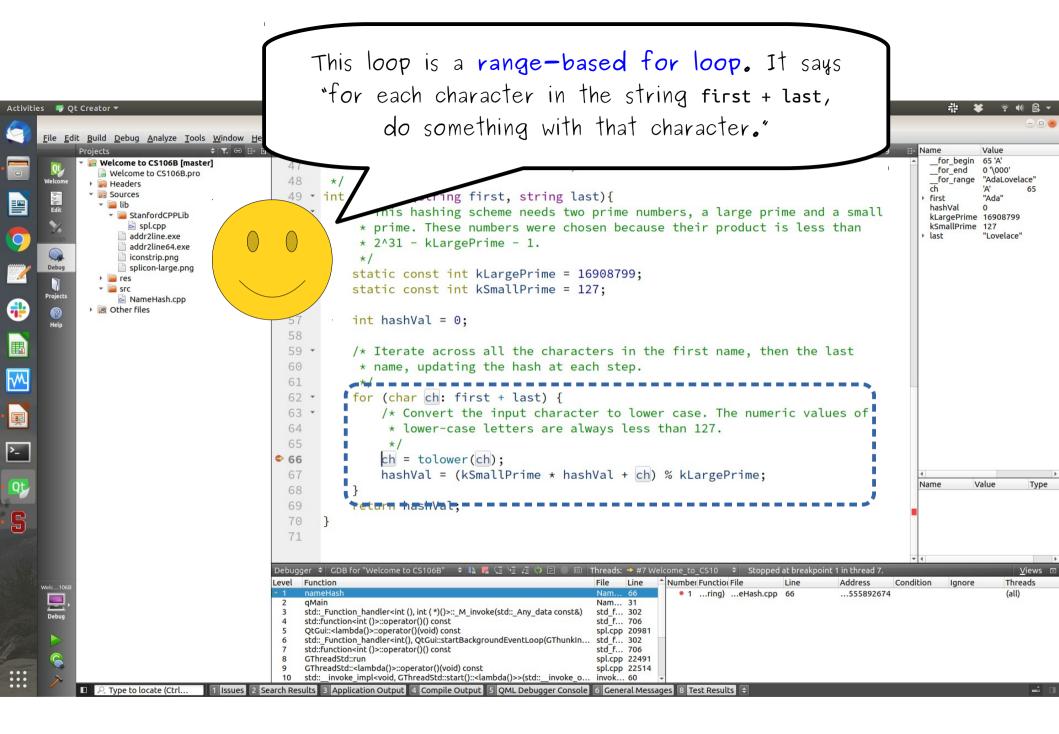


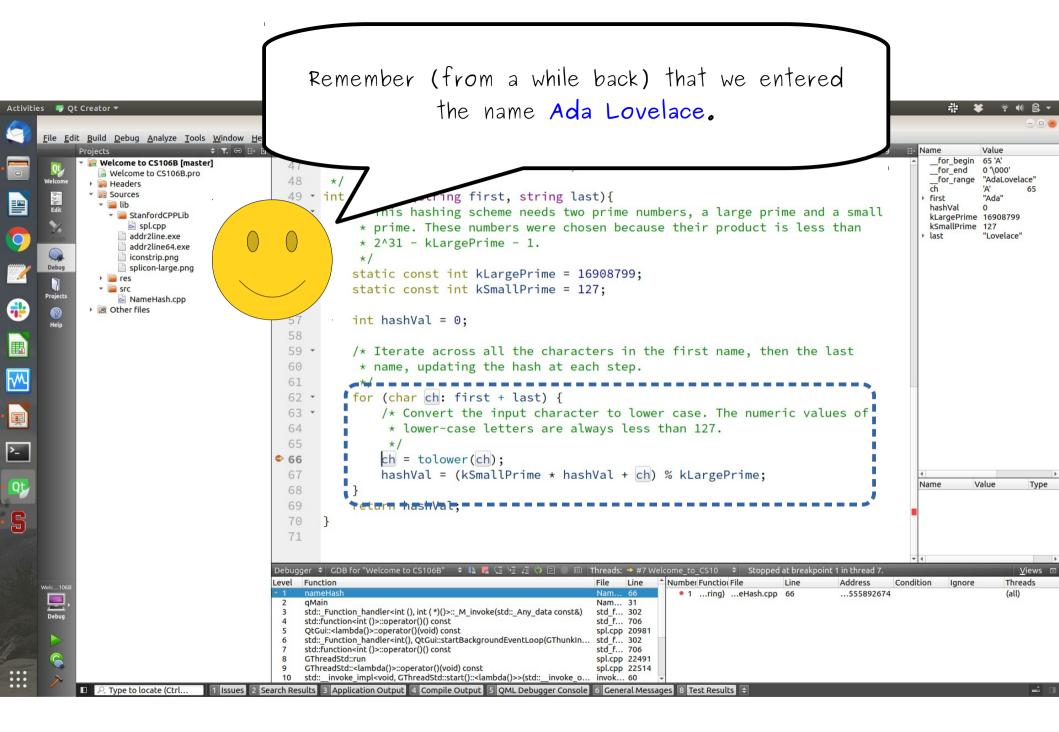


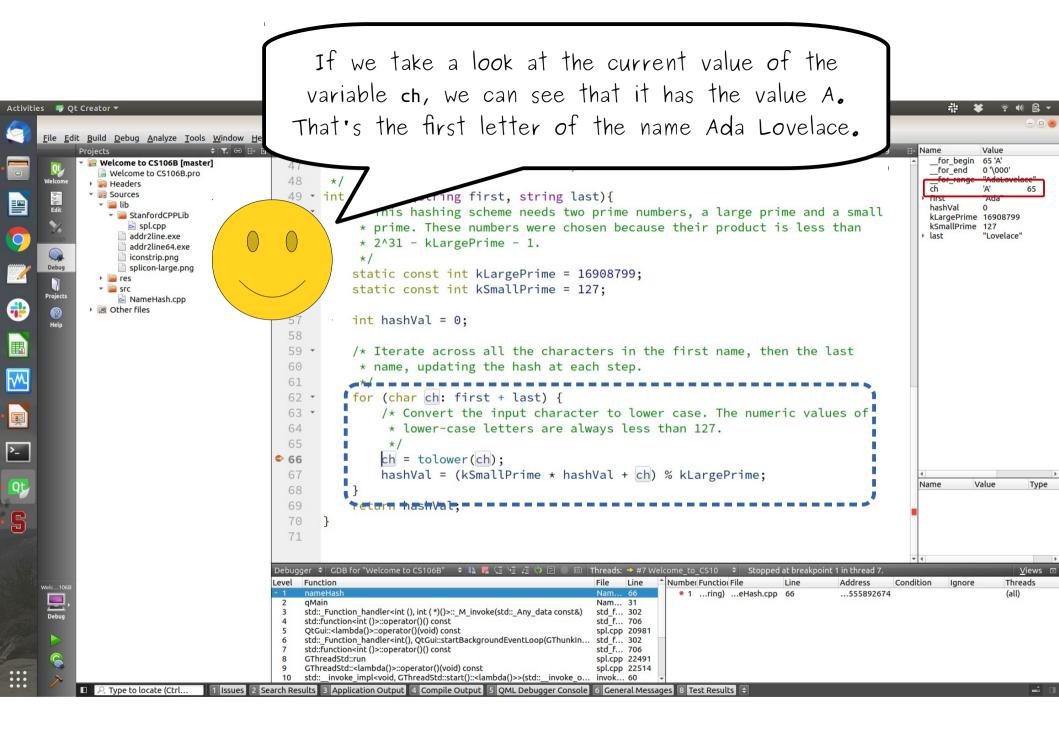


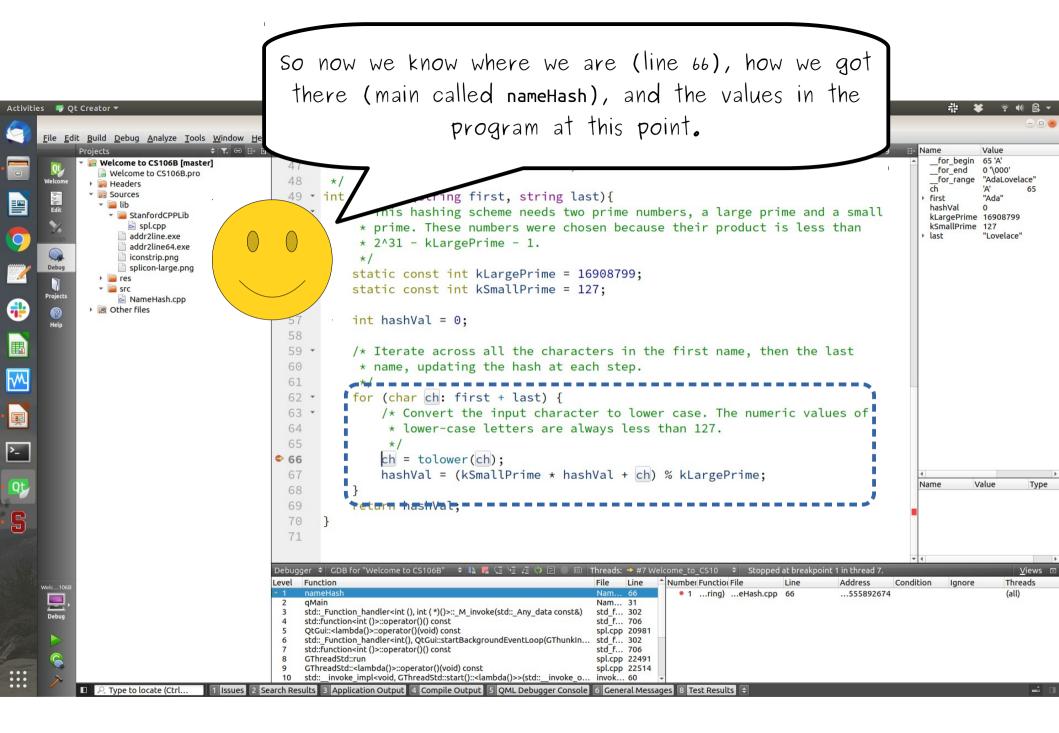


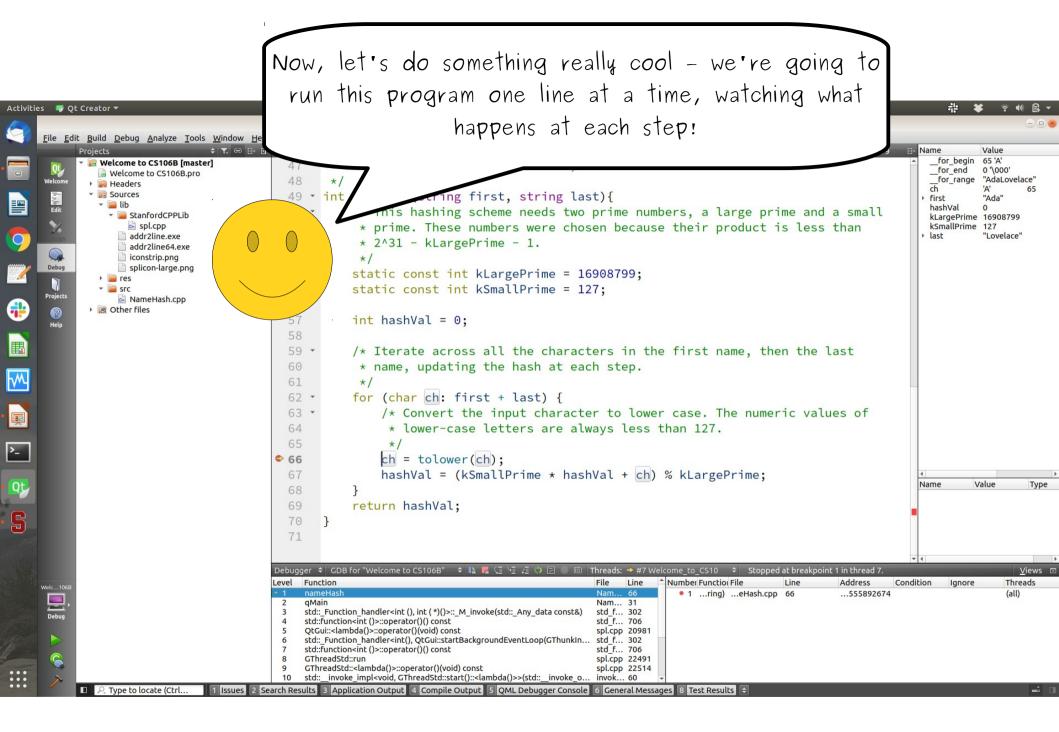


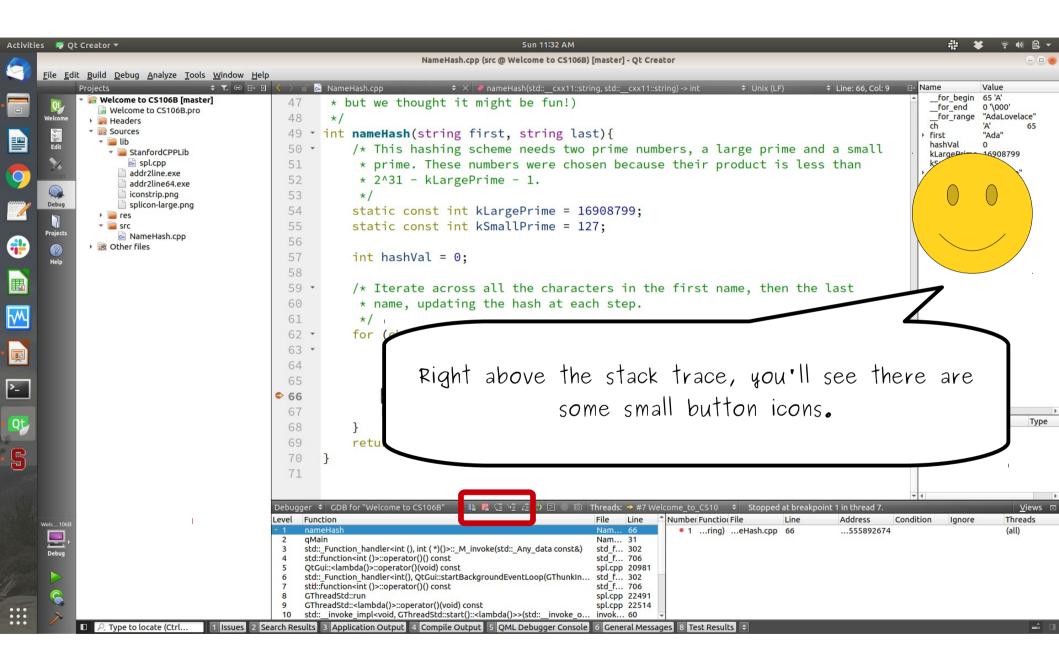


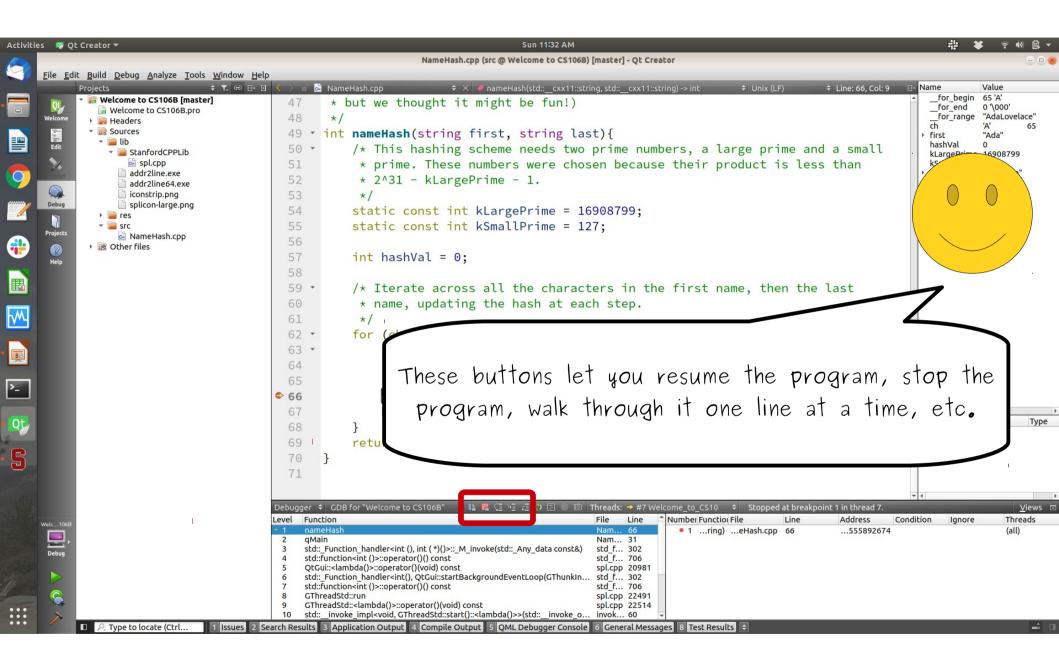


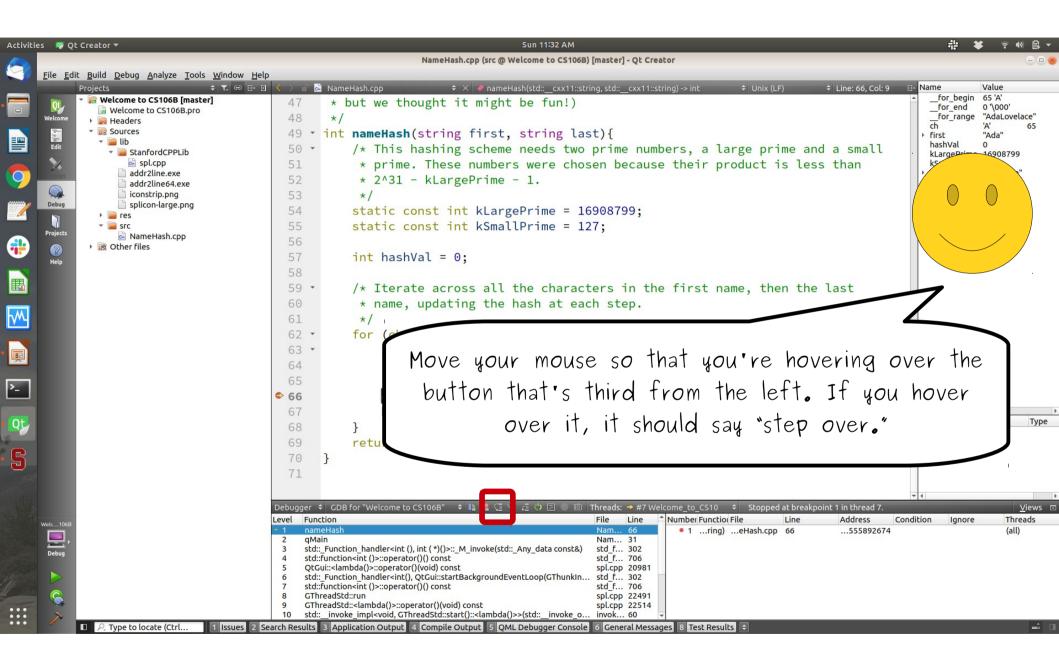


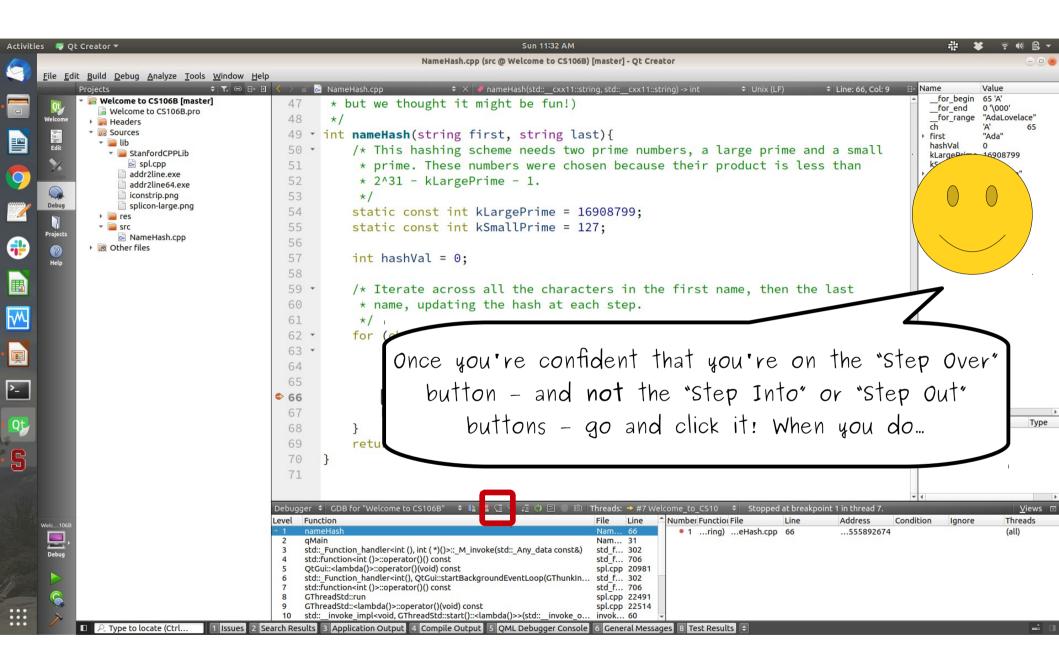


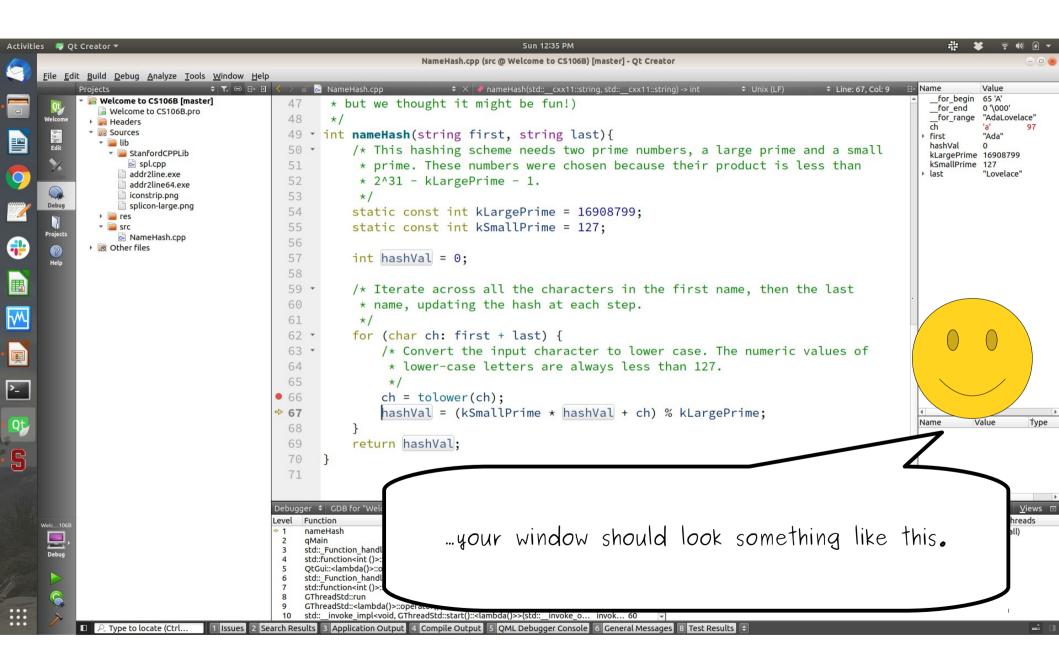




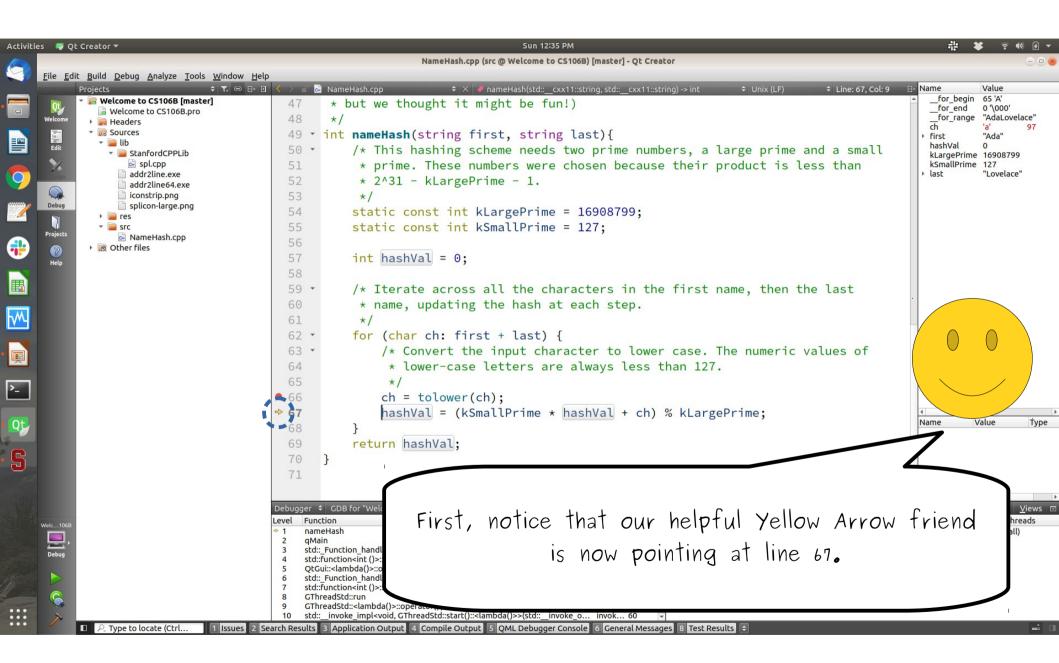


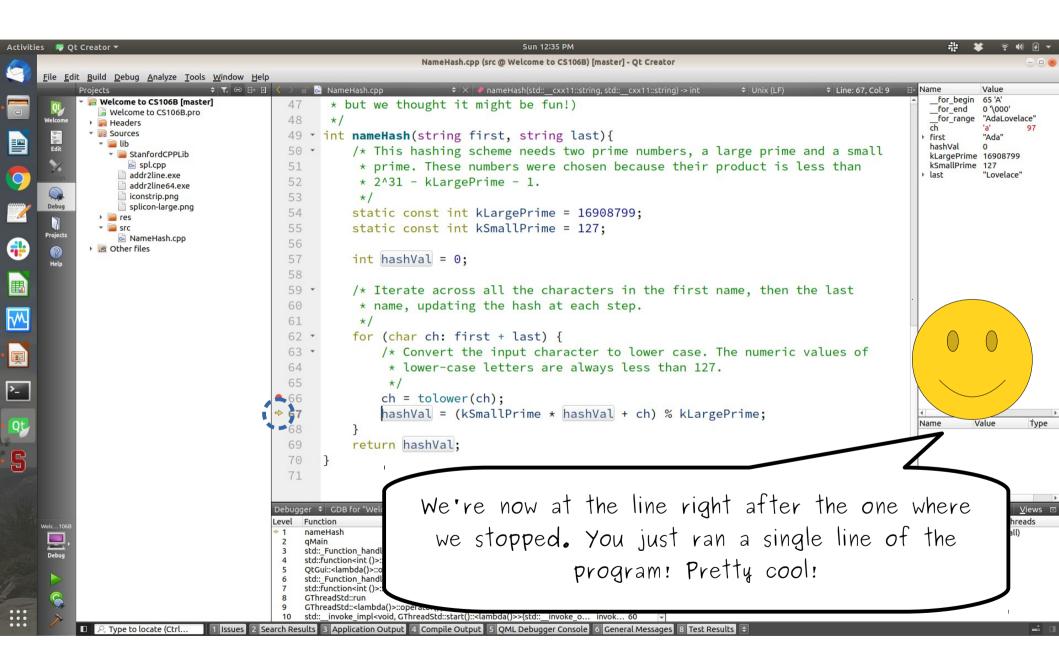


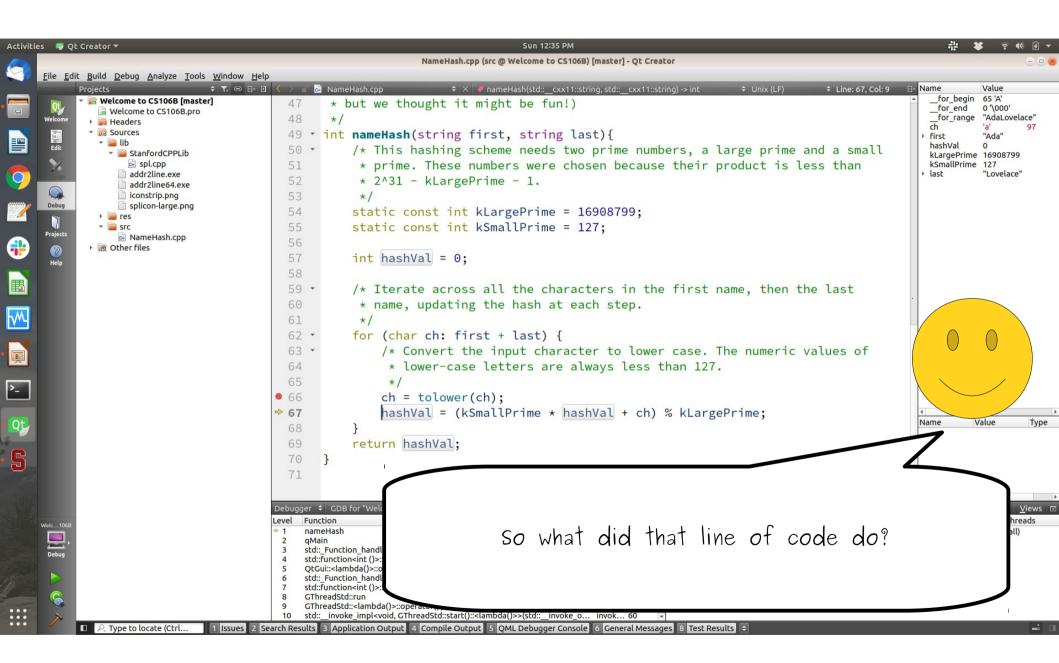


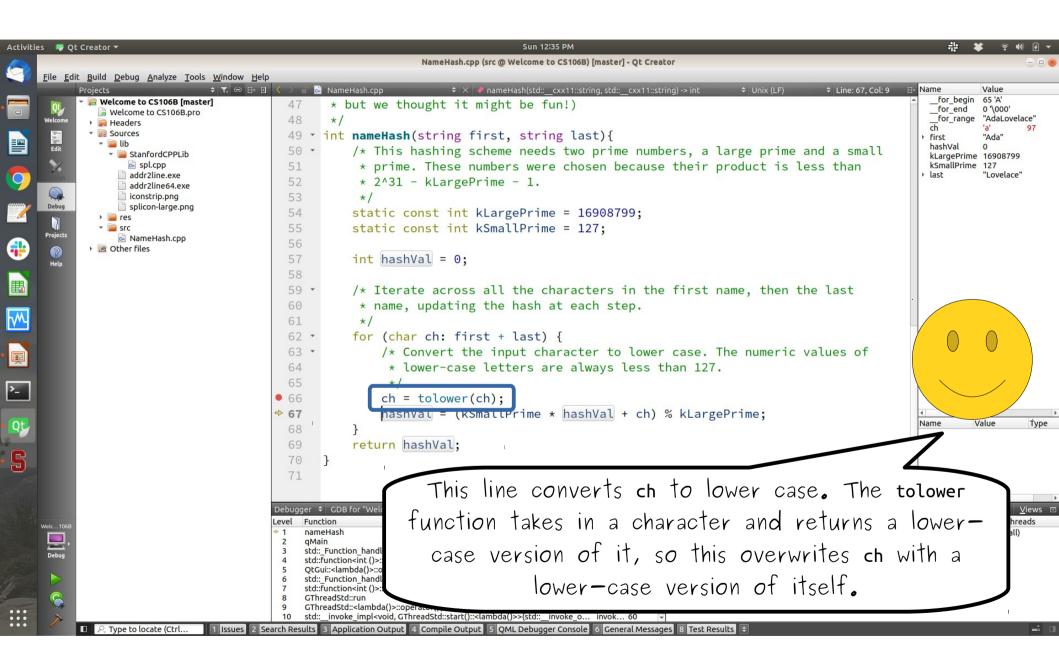


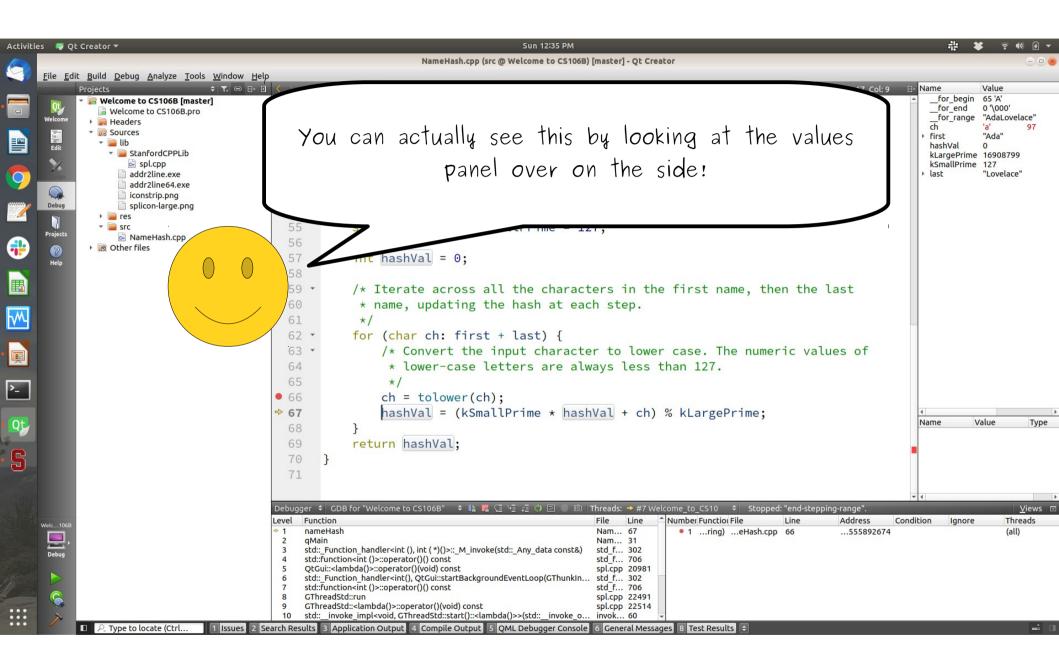
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Other files	57 int hashVal = 0;	
	58	
	59 • /* Iterate across all the characters in the first name, then the last	
	60 * name, updating the hash at each step.	
	61 */	
	62 • for (char ch: first + last) {	
	63 • /* Convert the input character to lower case. The numeric values of	
	64 * lower-case letters are always less than 127.	
	65 */	
	• 66 $ch = tolower(ch);$	
	<pre>> 67 hashVal = (kSmallPrime * hashVal + ch) % kLargePrime;</pre>	
		Name Value
	68 }	-1
	69 return hashVal;	
	70 }	
	71	
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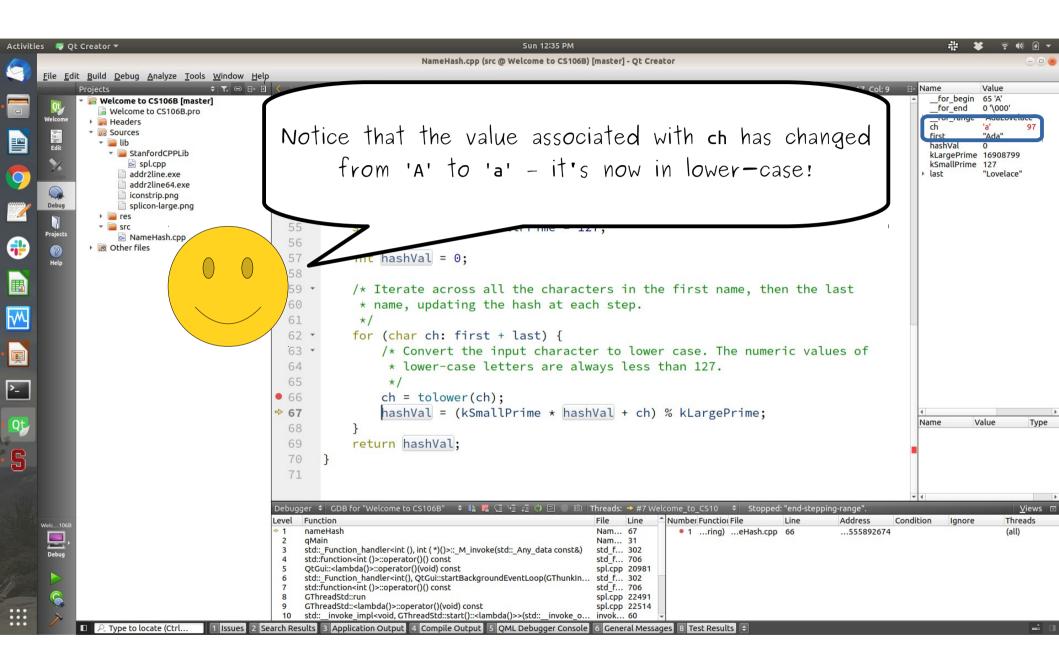


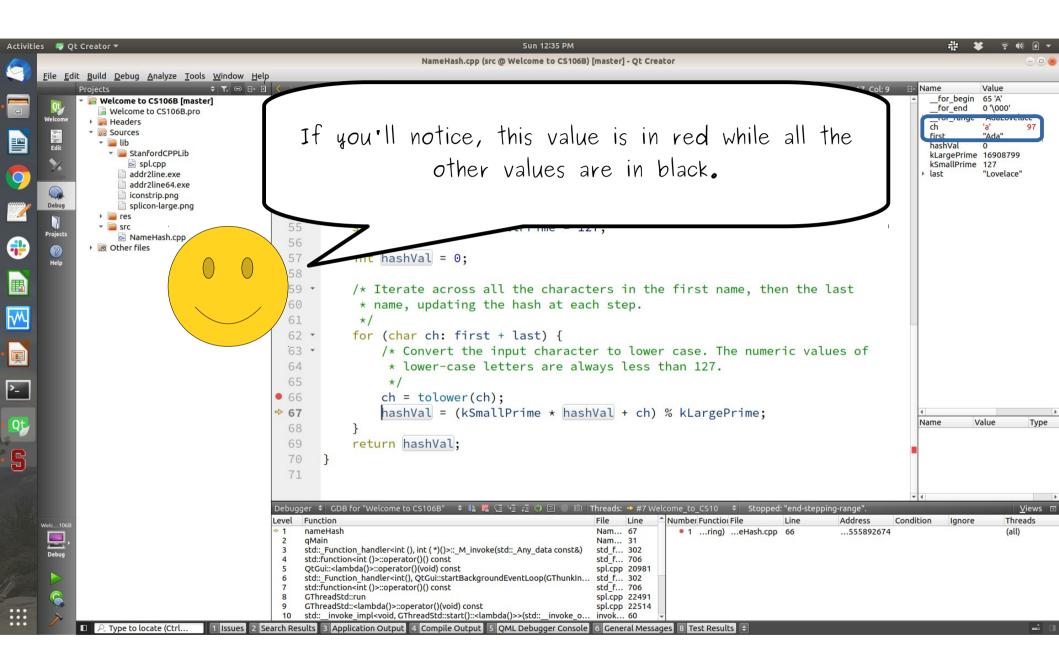


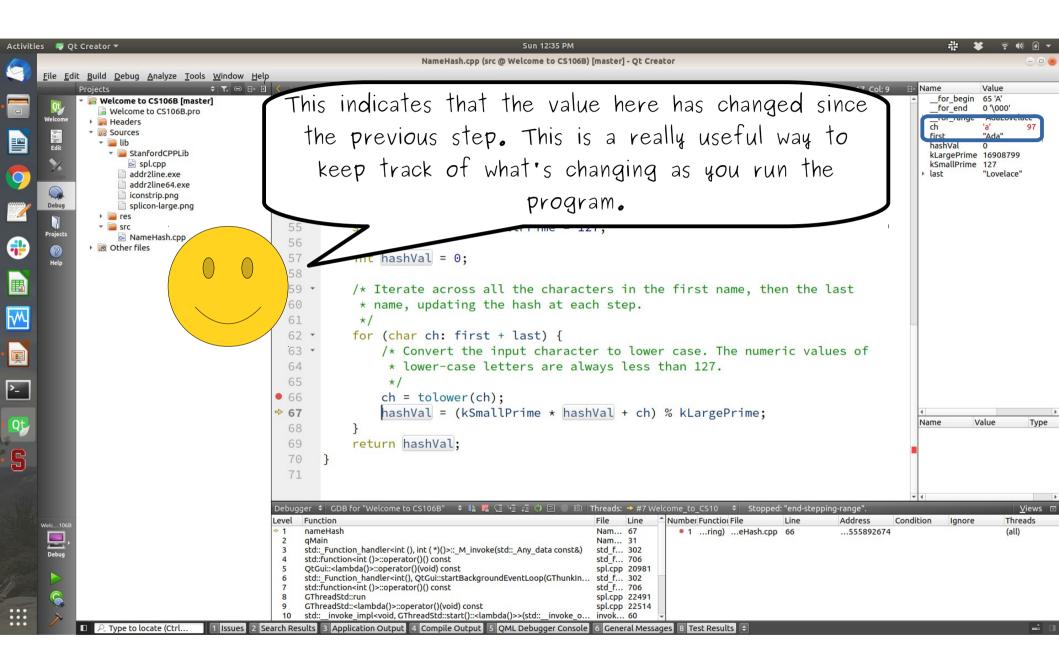


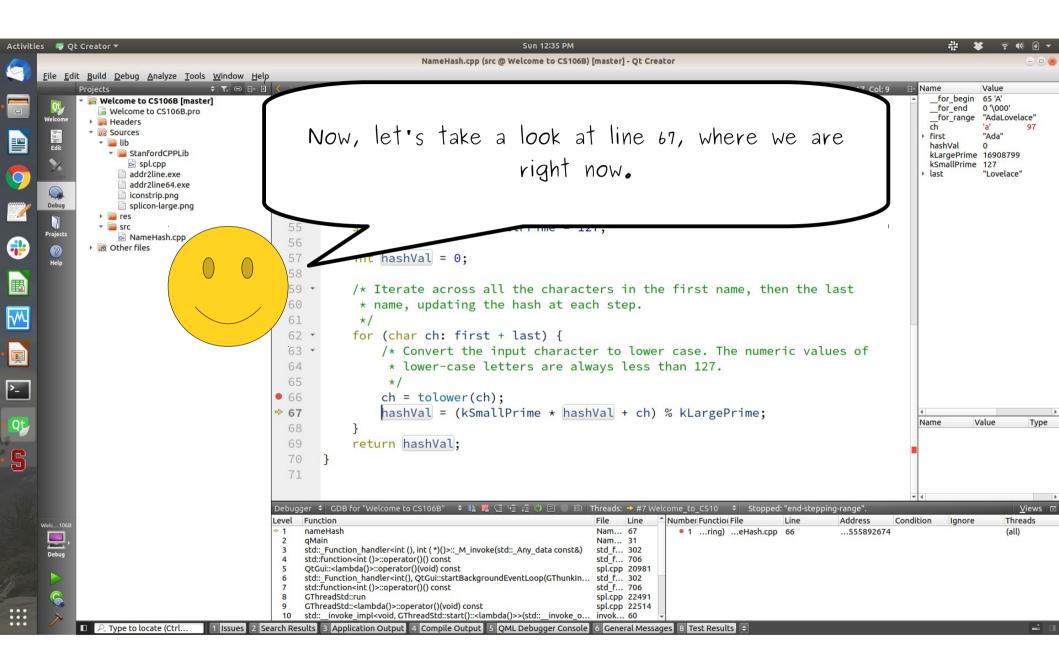


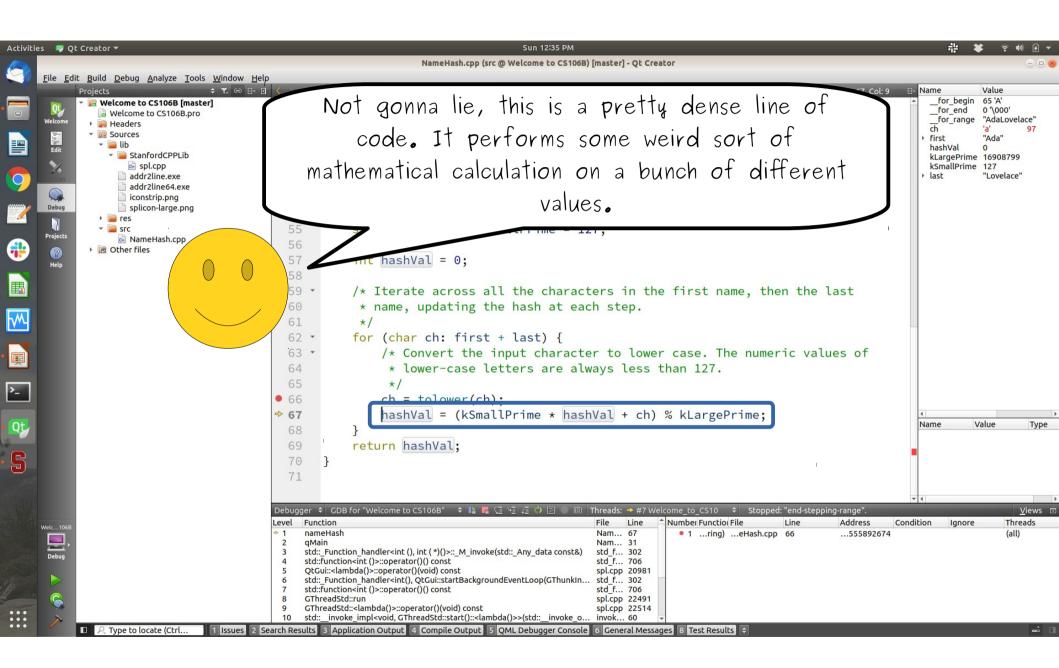


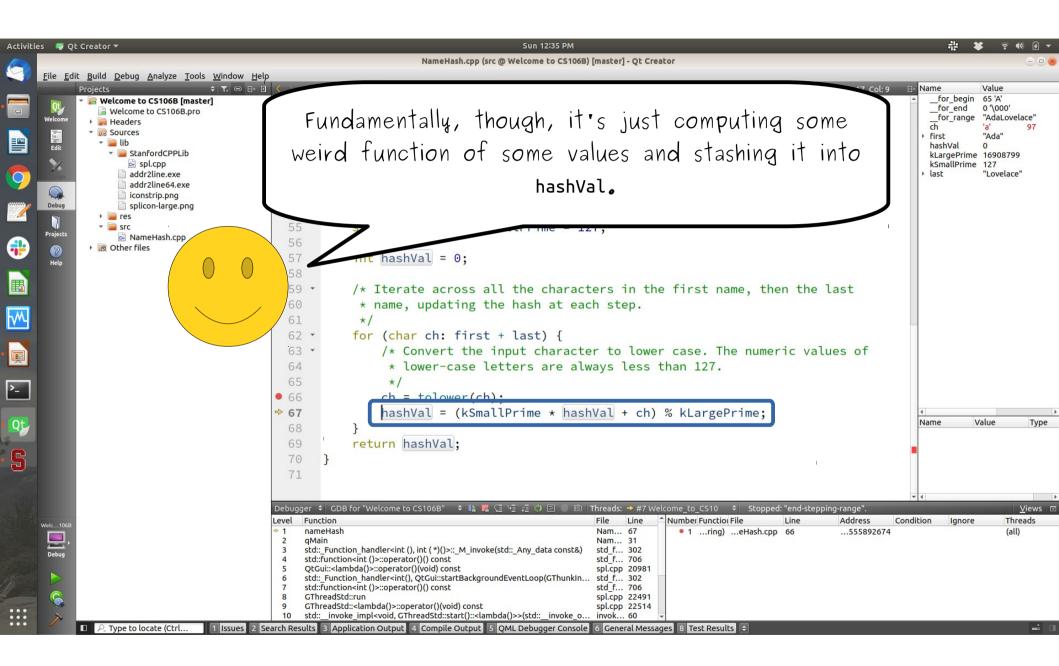


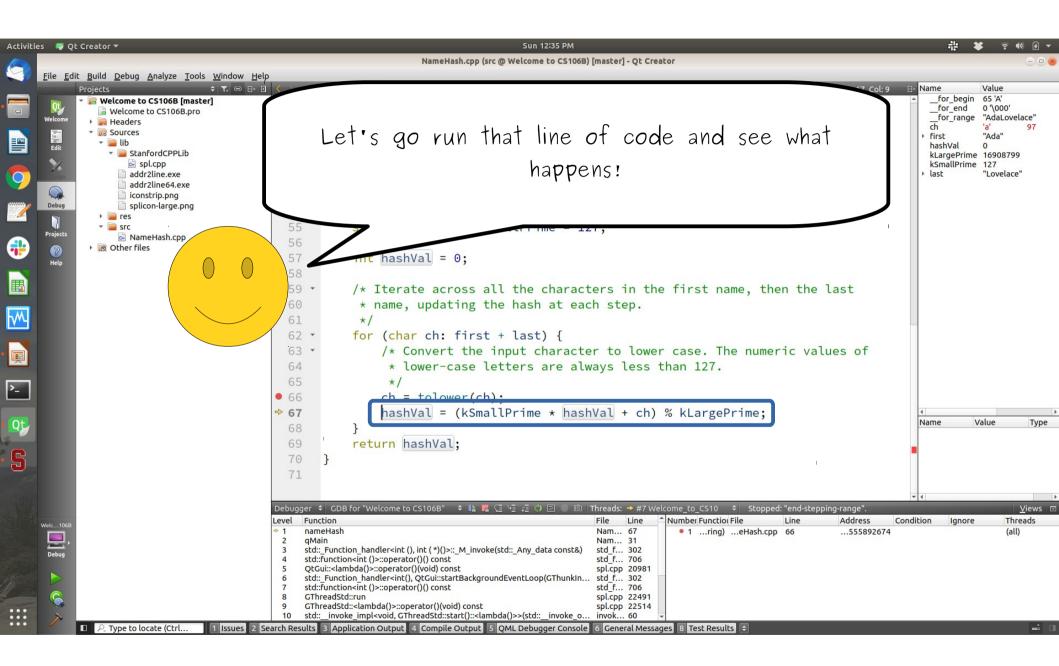


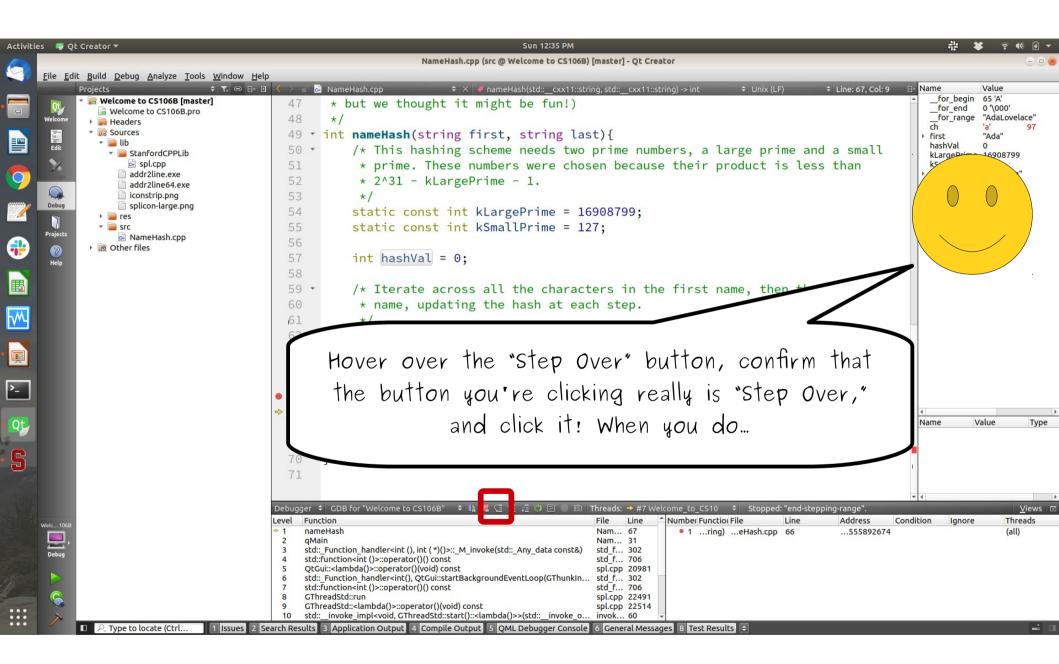








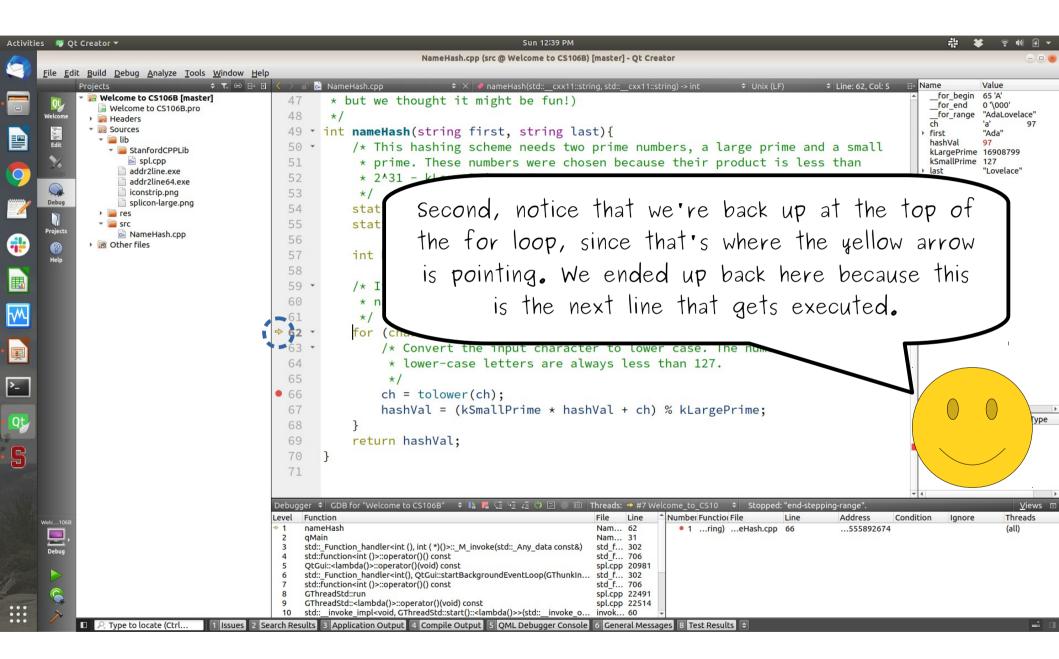




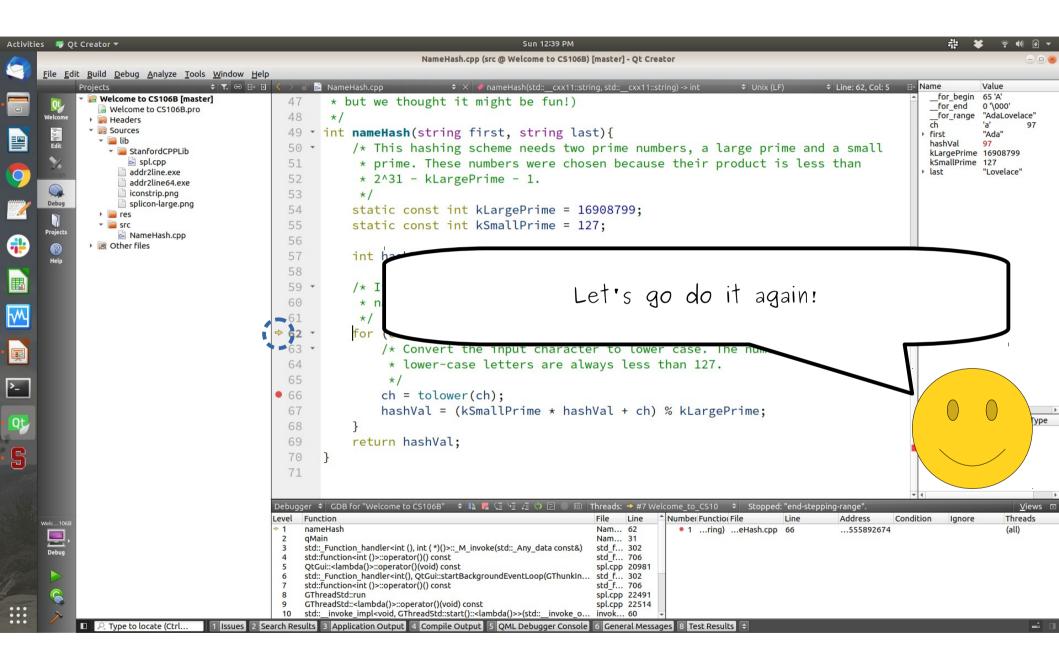
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	<pre>⇒ 62 • for (char ch: first + last) {</pre>	
	63 · /* Convert the input character to lower case. The numeric values of	
	64 * lower-case letters are always less than 127.	
	65 */	
	<pre> 66 ch = tolower(ch); </pre>	
	67 hashVal = (kSmallPrime * hashVal + ch) % kLargePrime;	
	68 }	
	69 return hashVal;	
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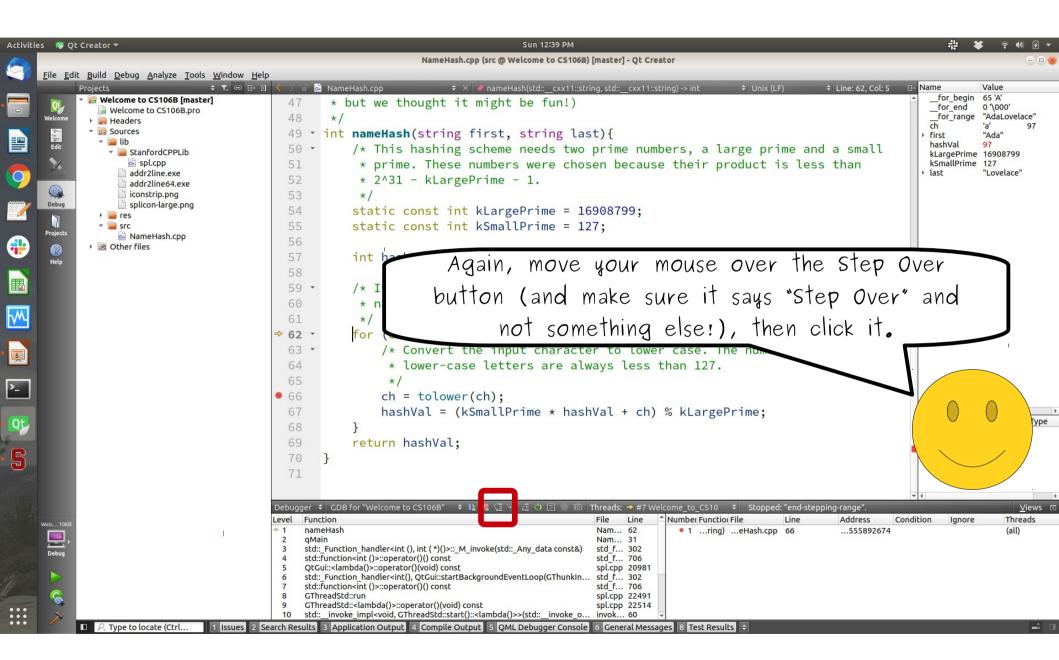
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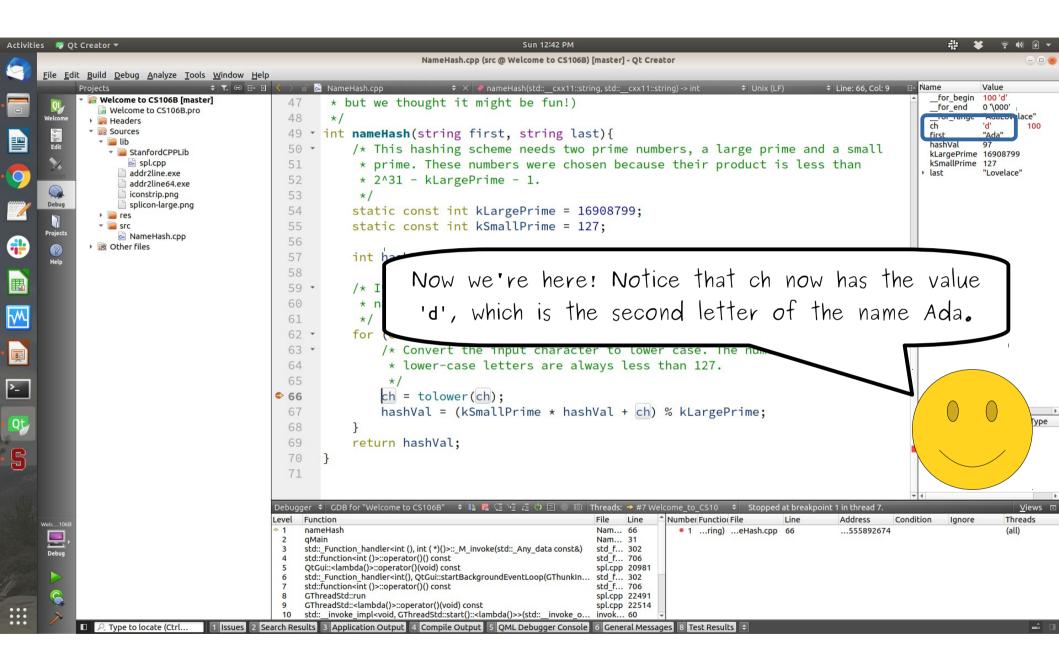




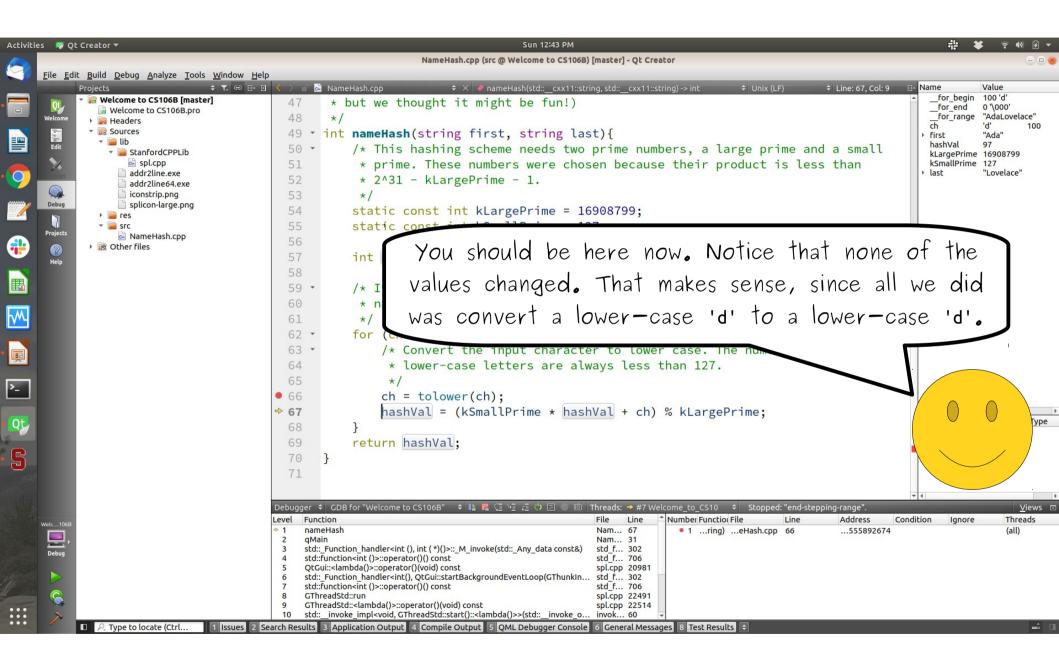
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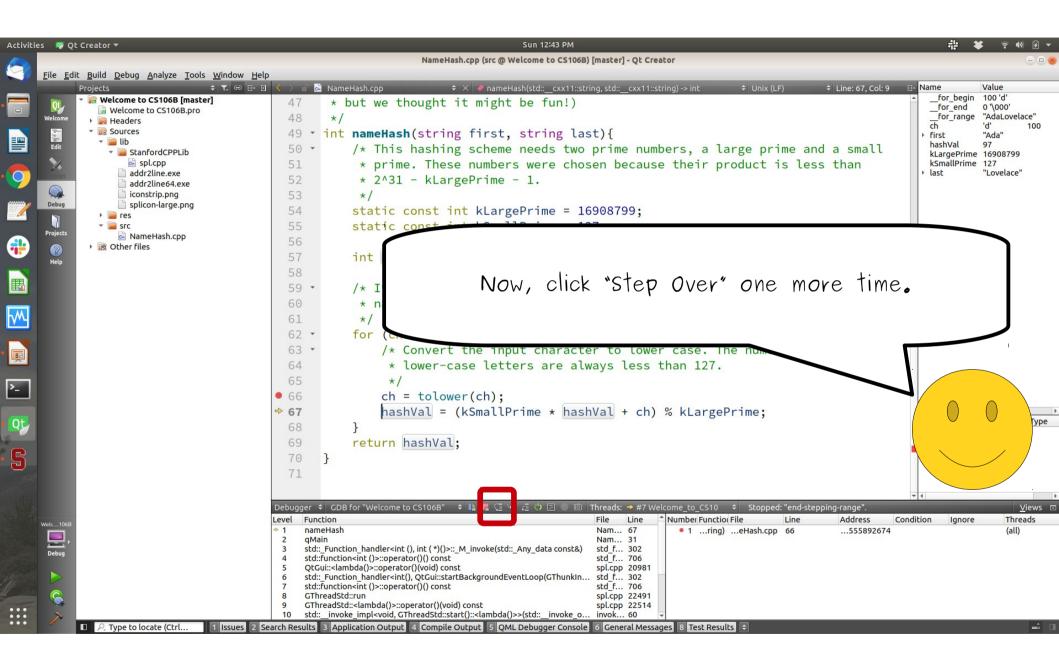


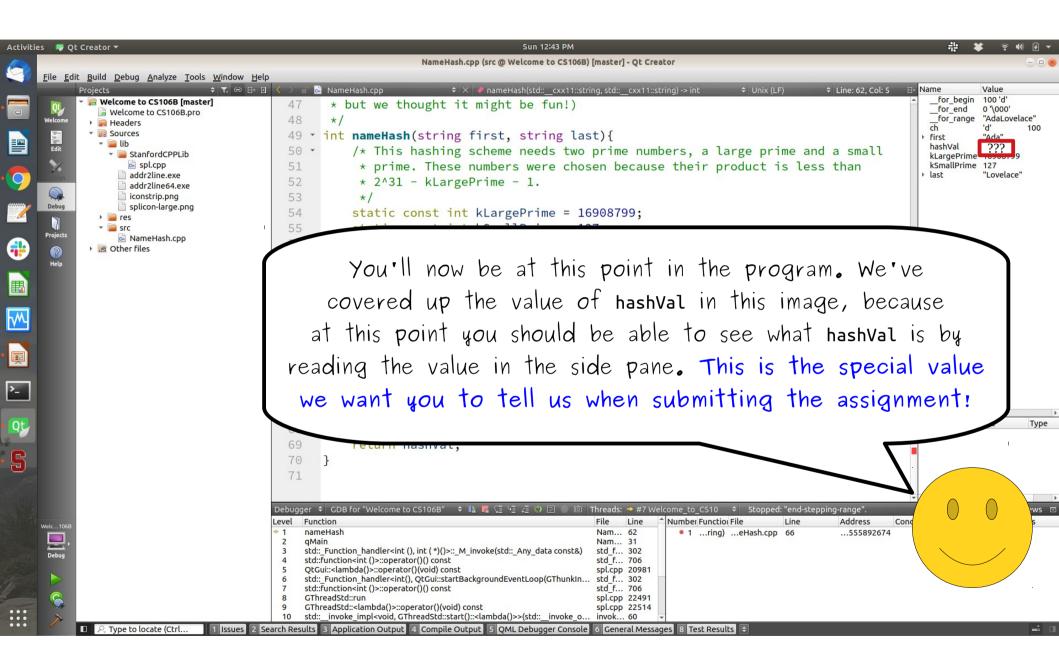


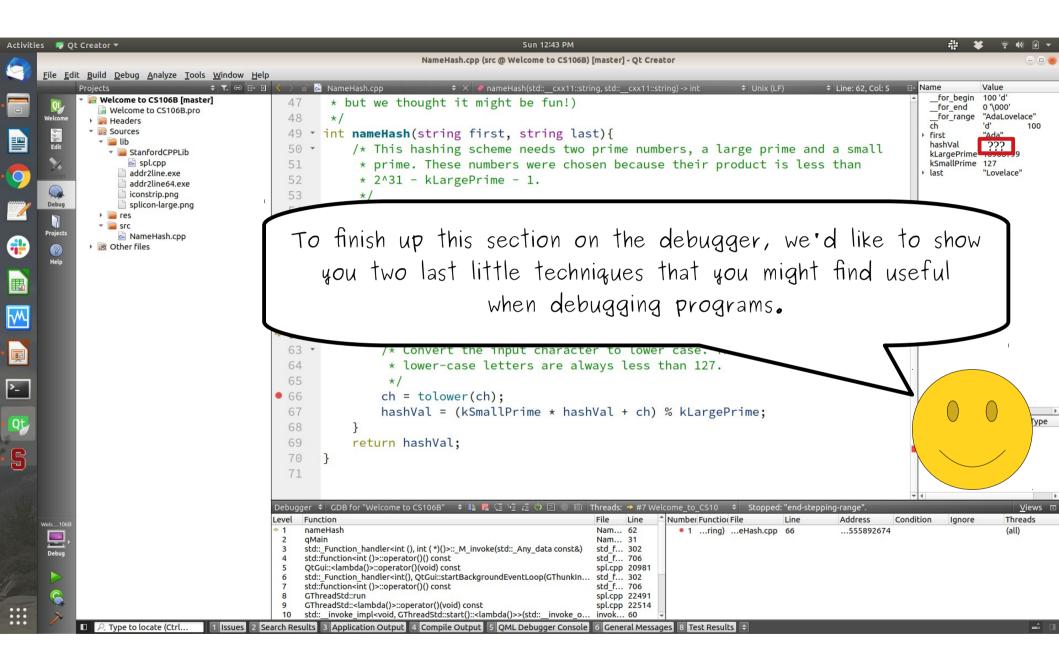


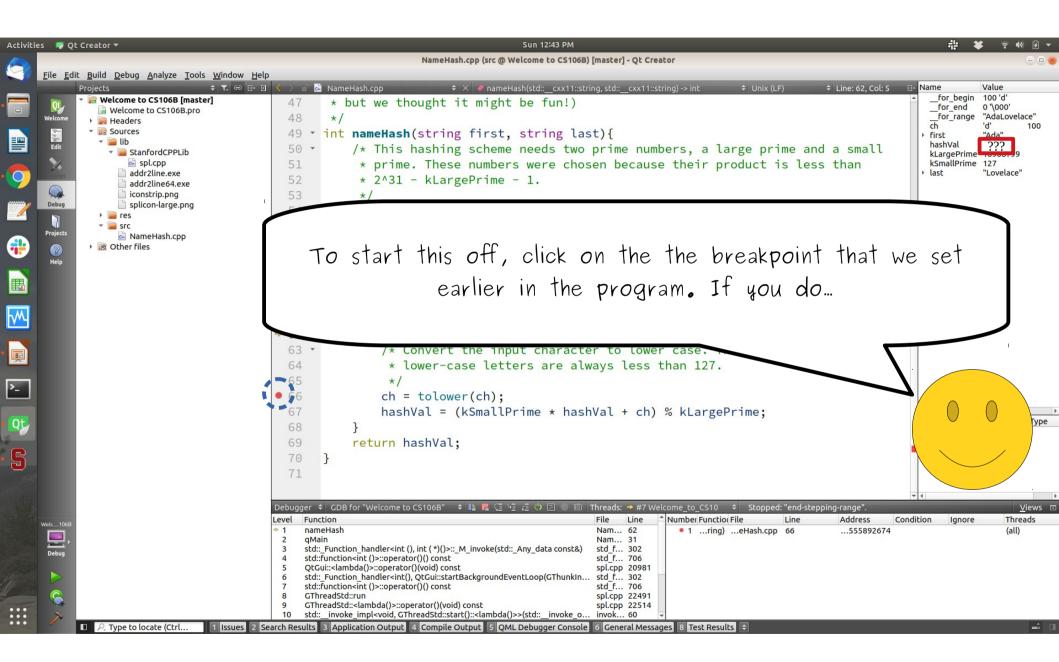
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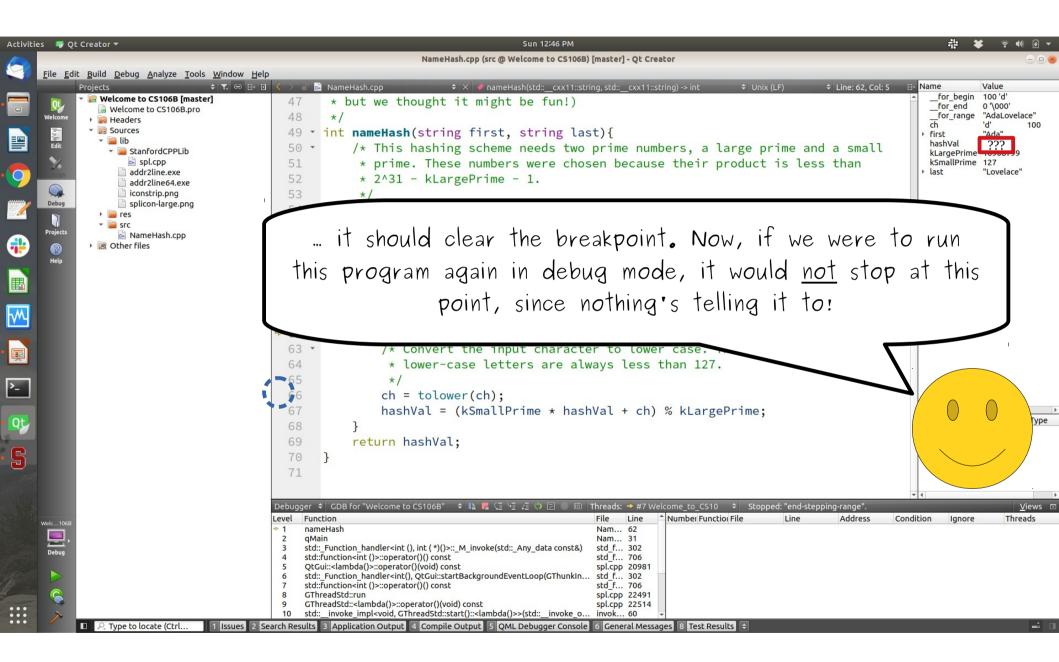


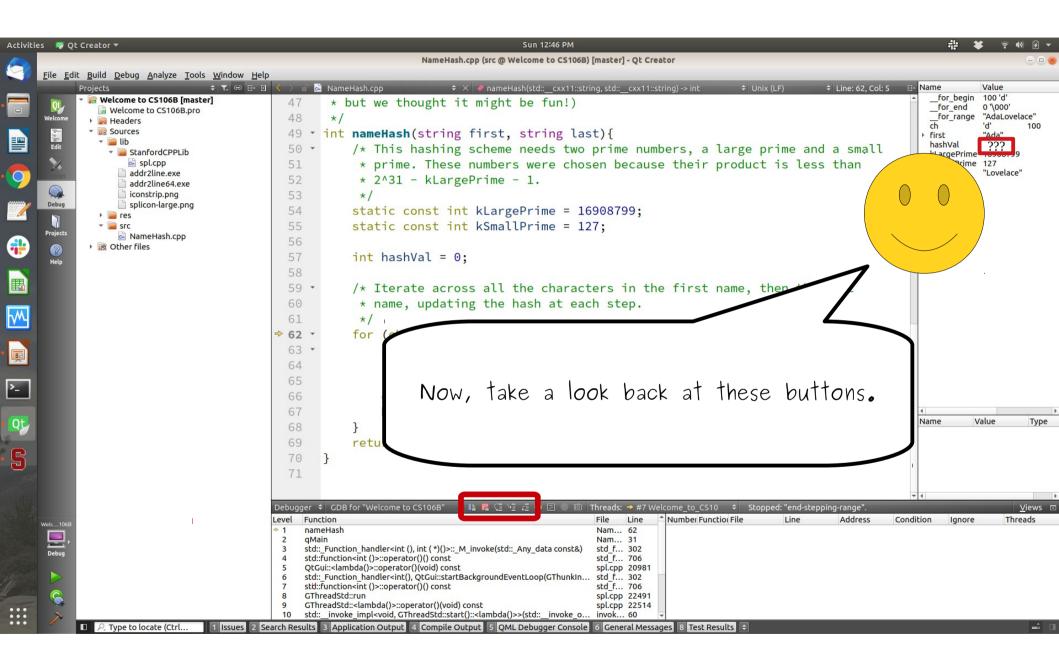


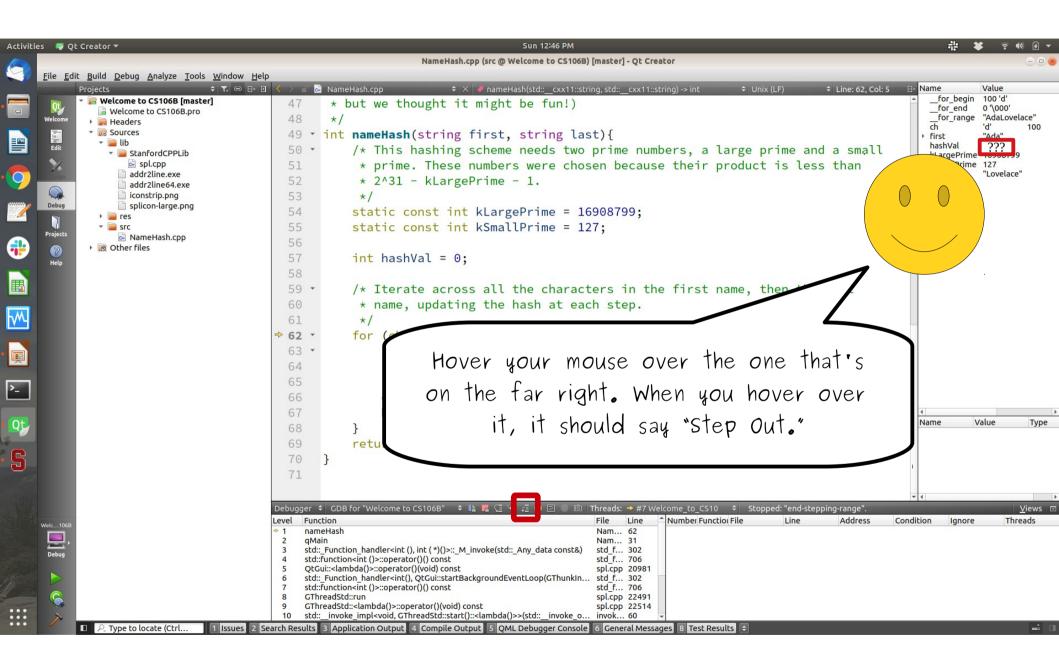


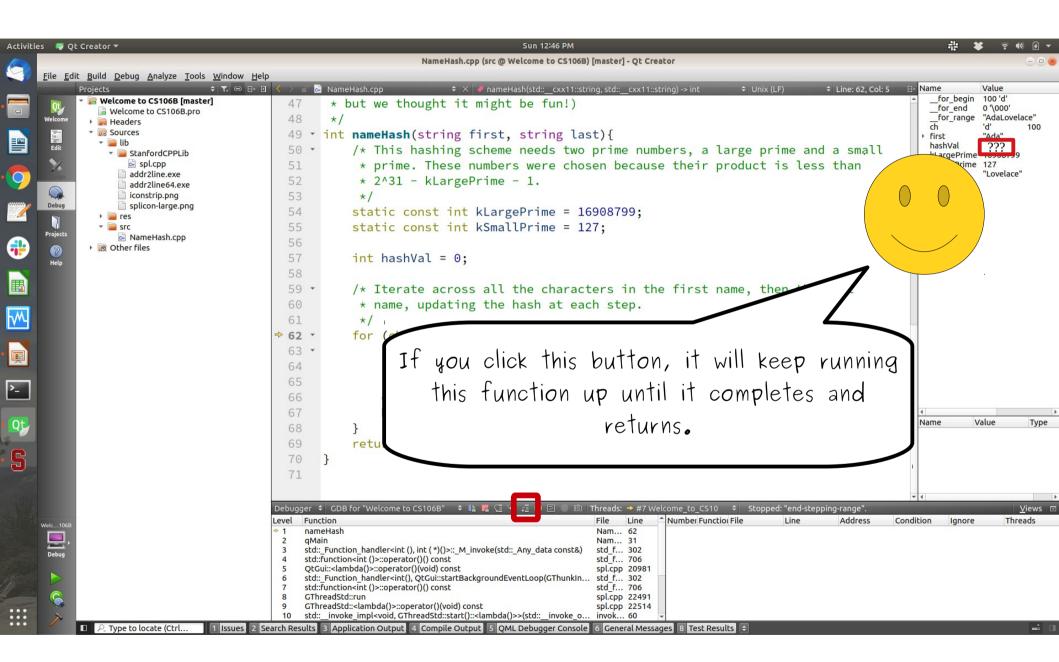


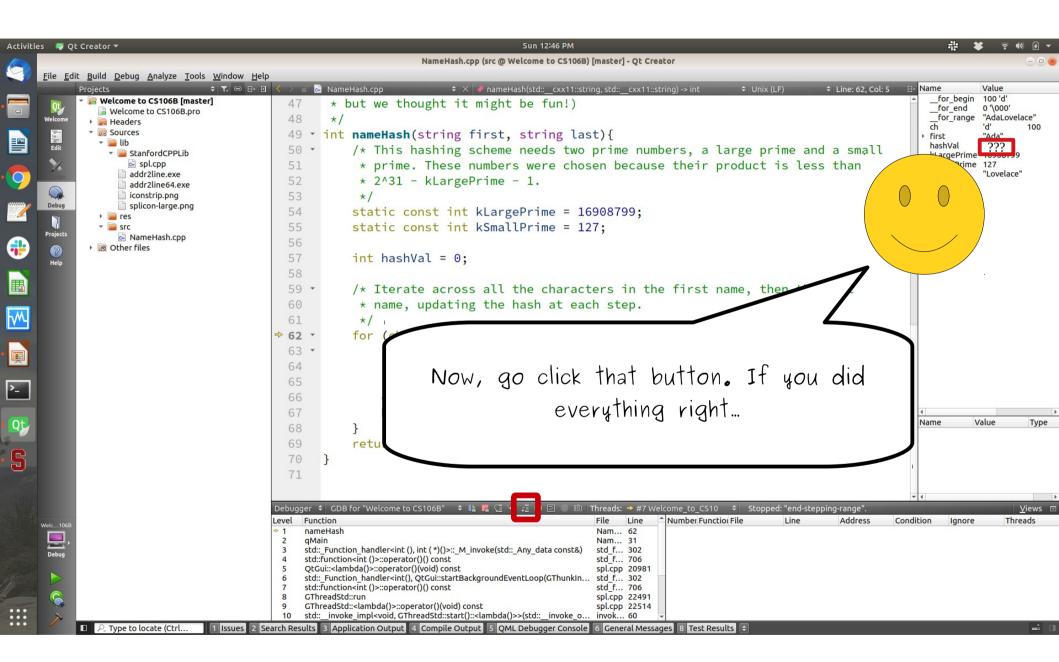


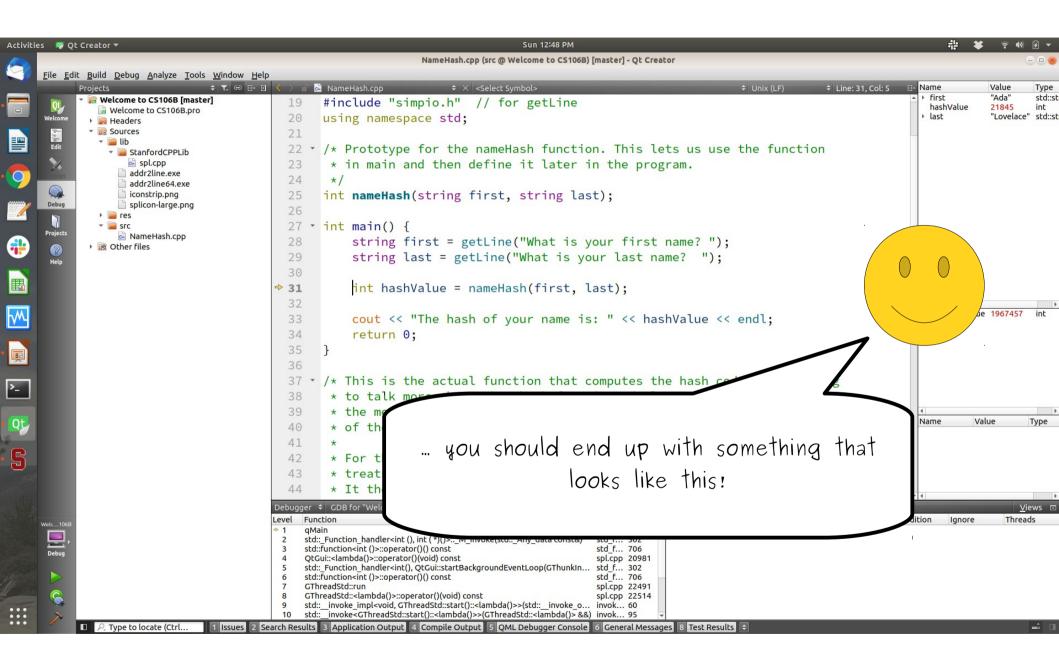


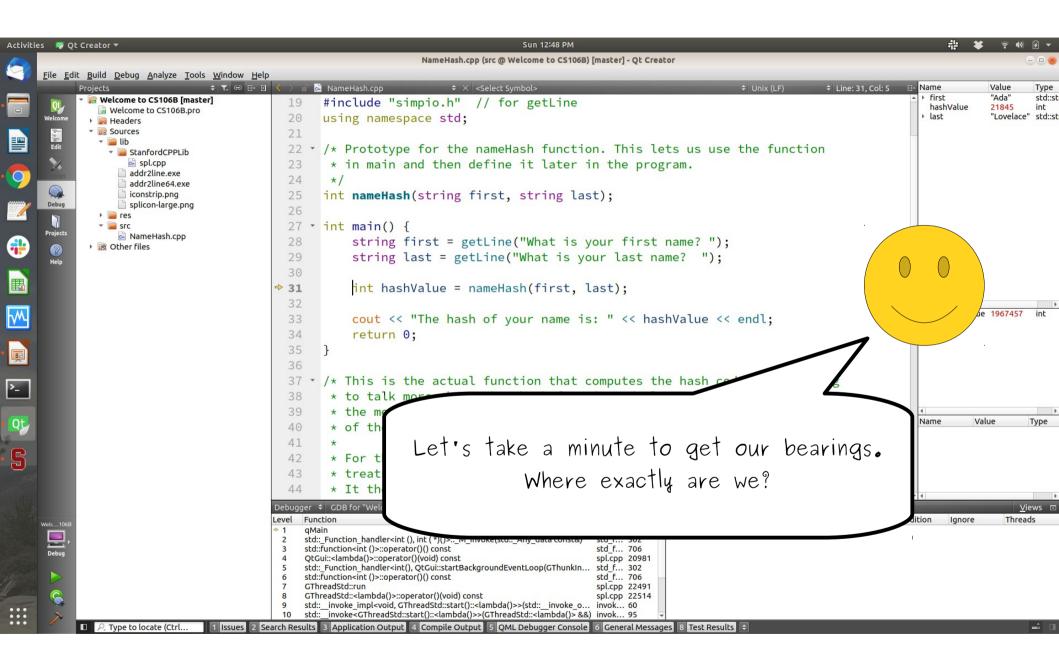


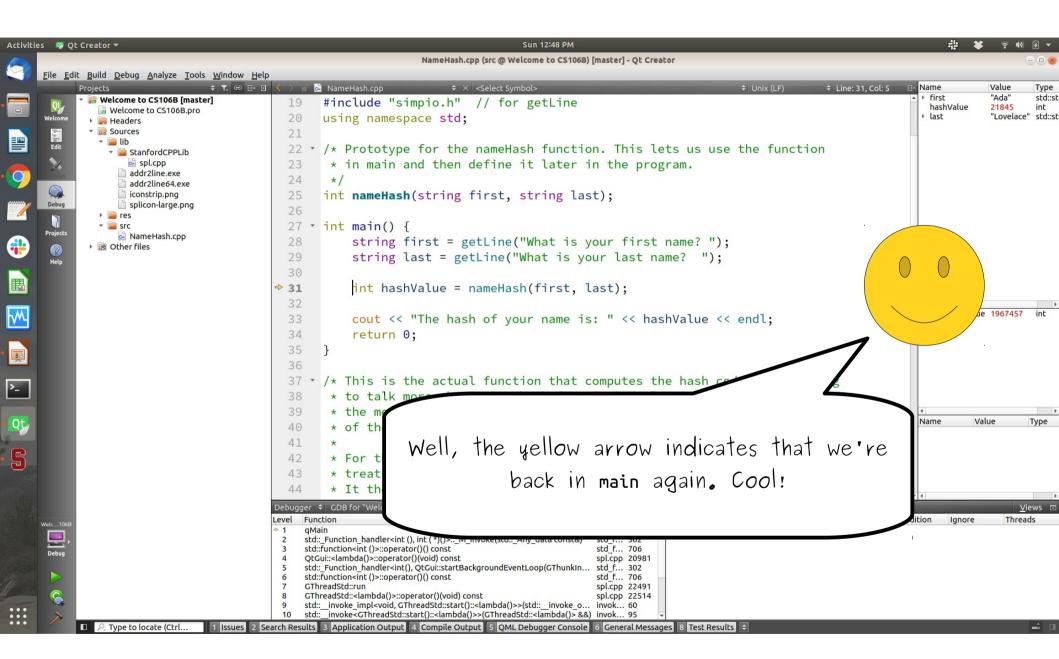


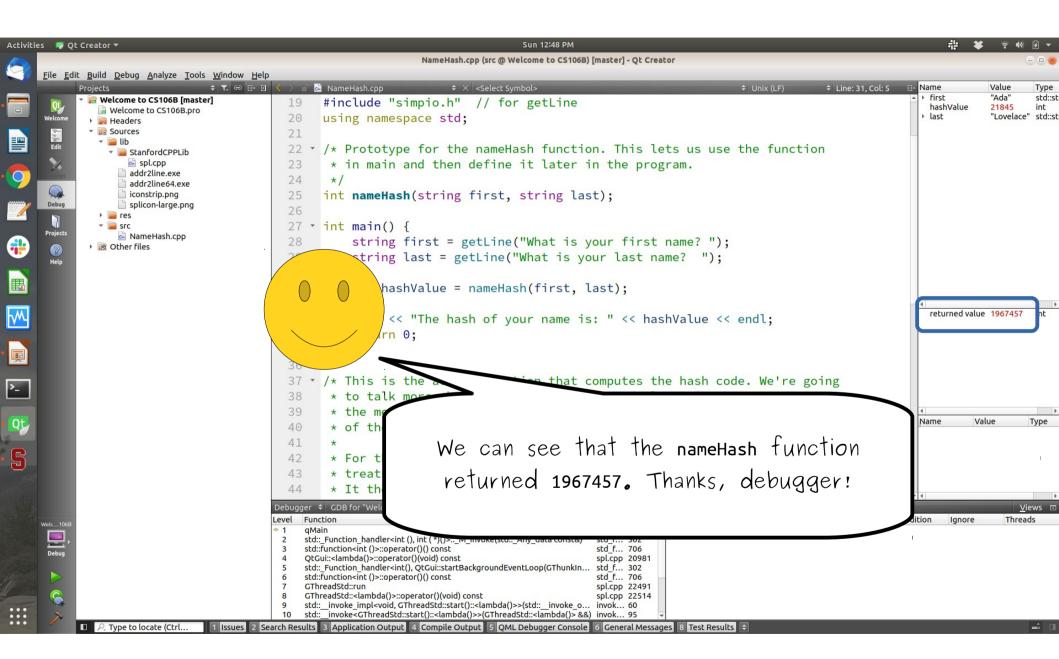


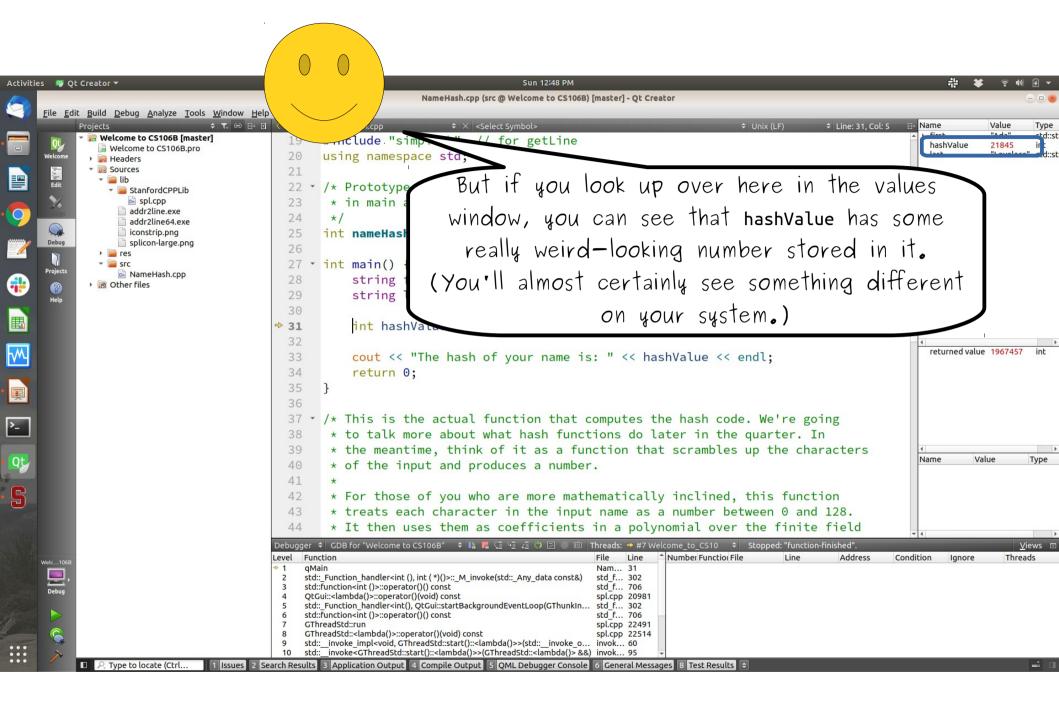


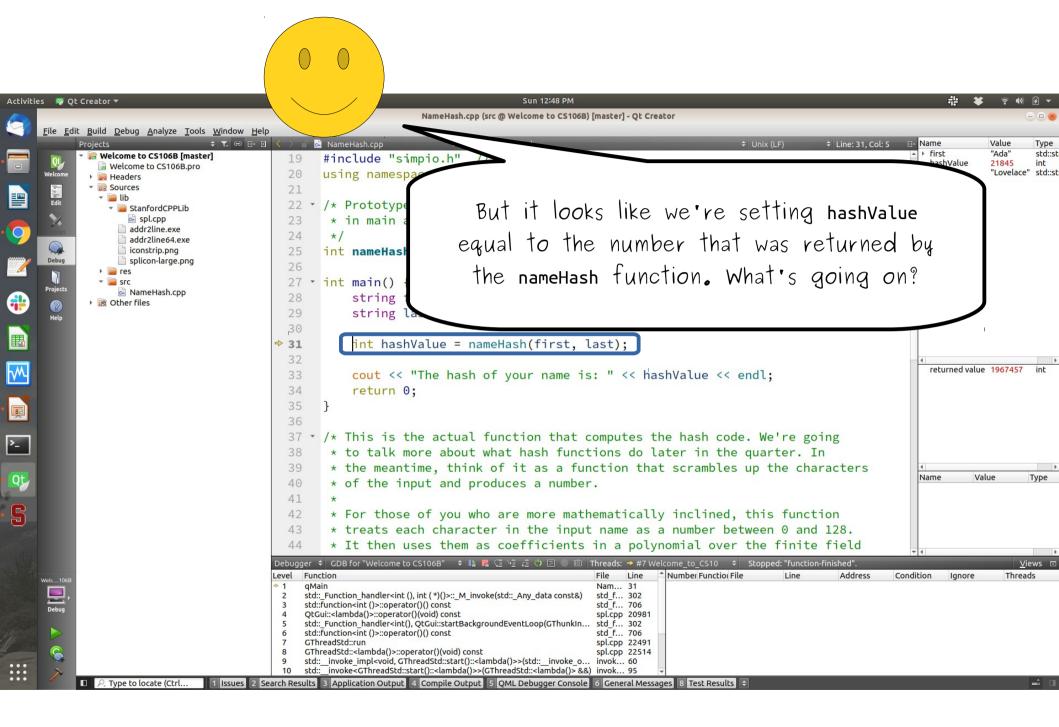


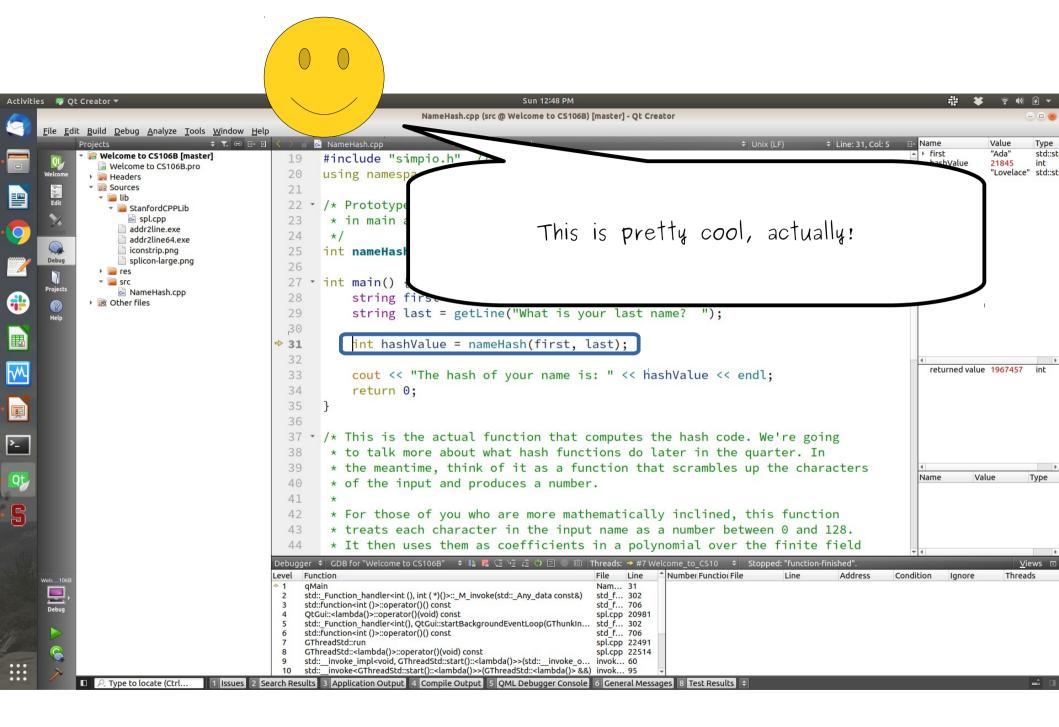


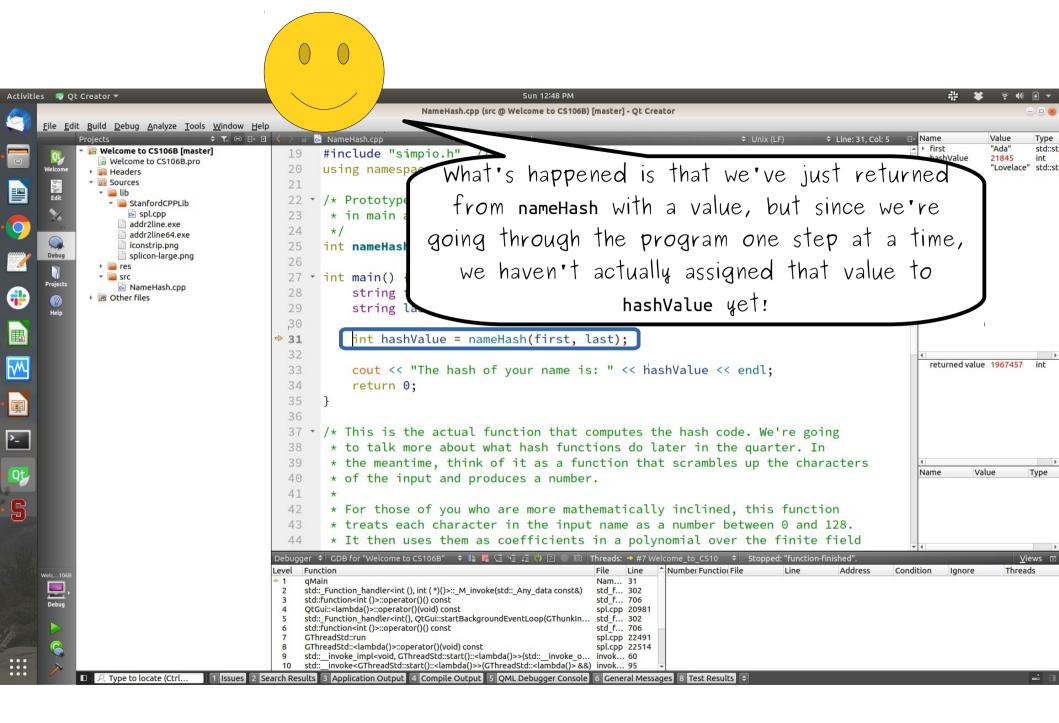


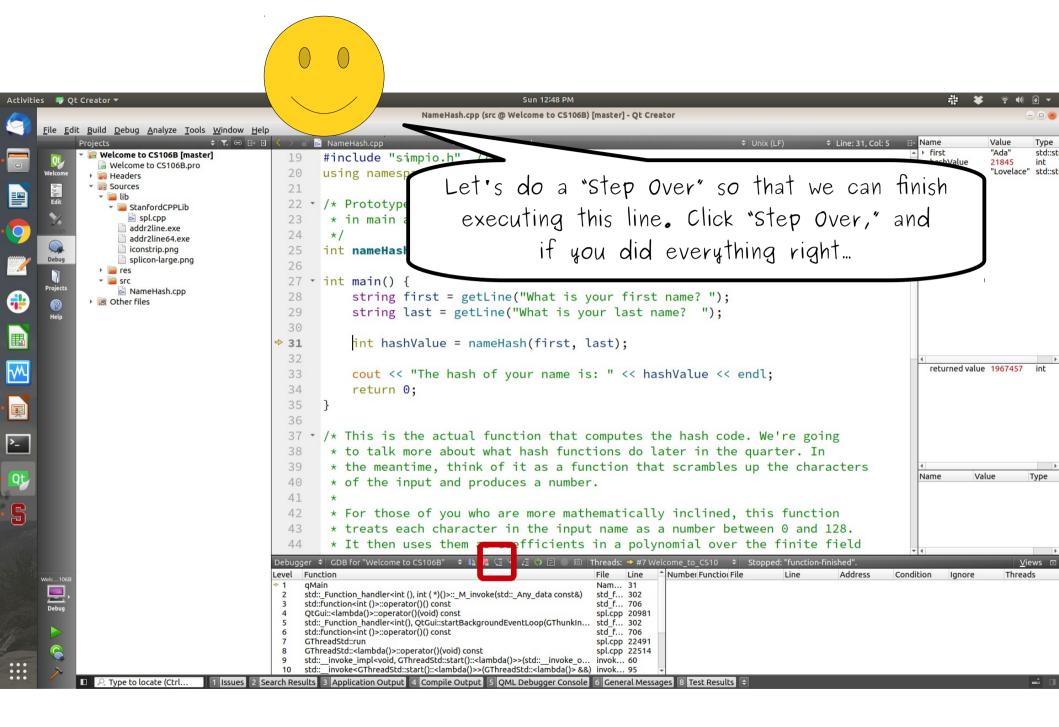


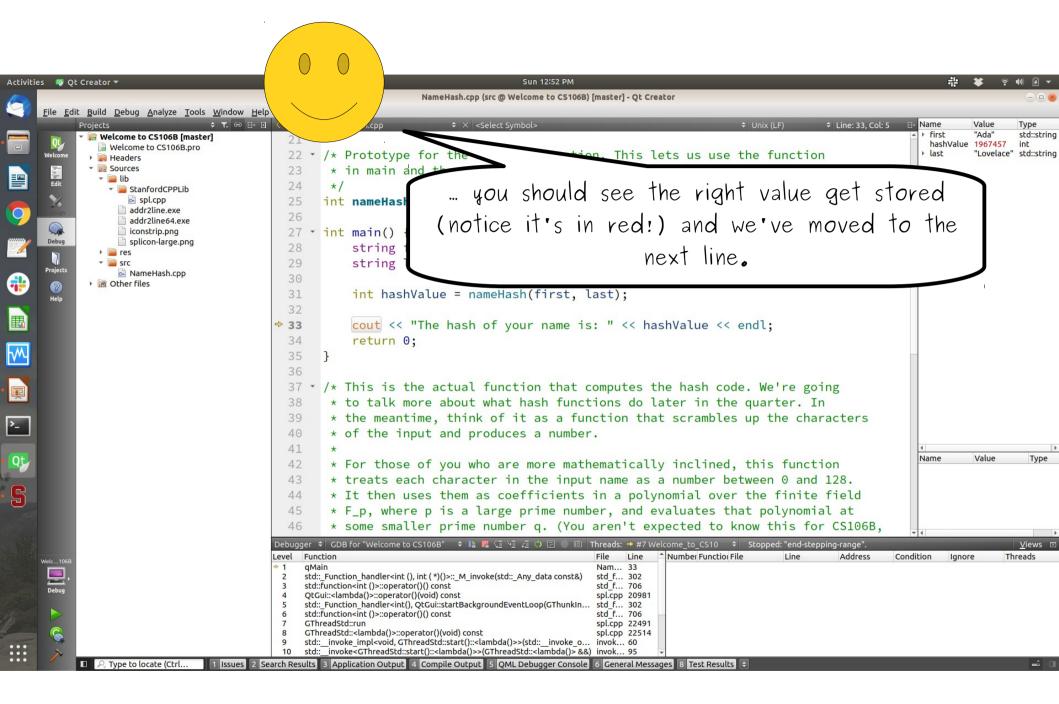


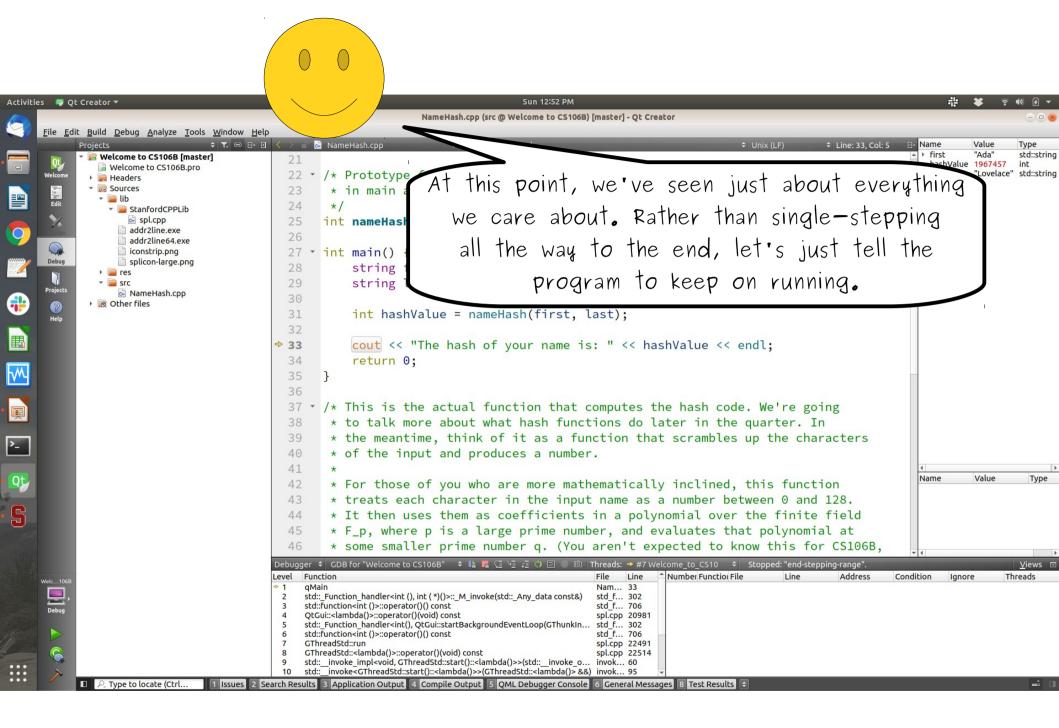


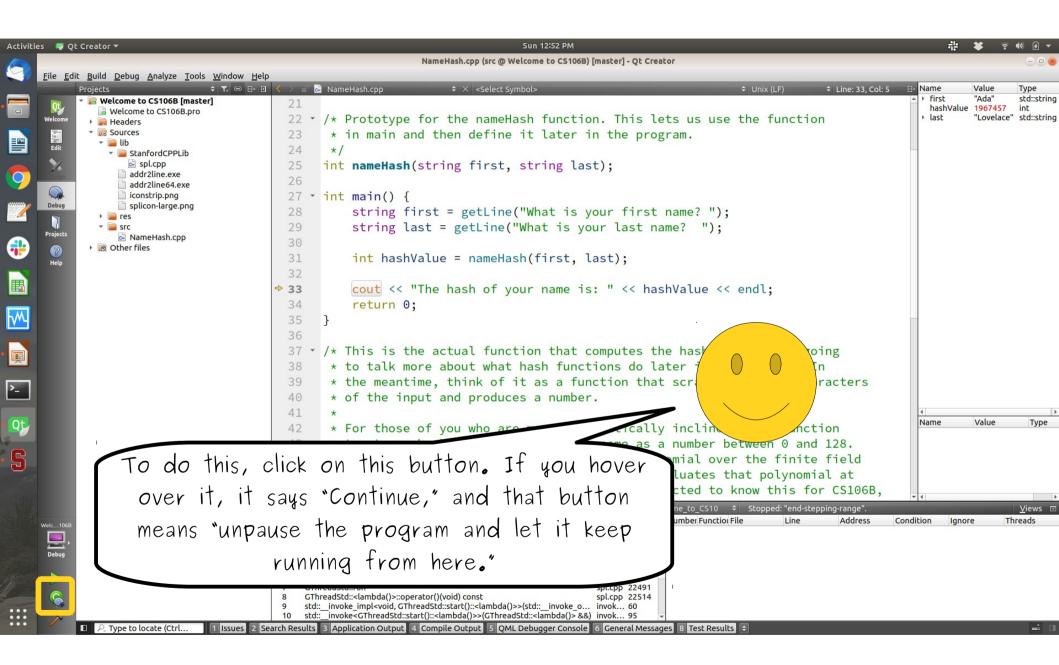


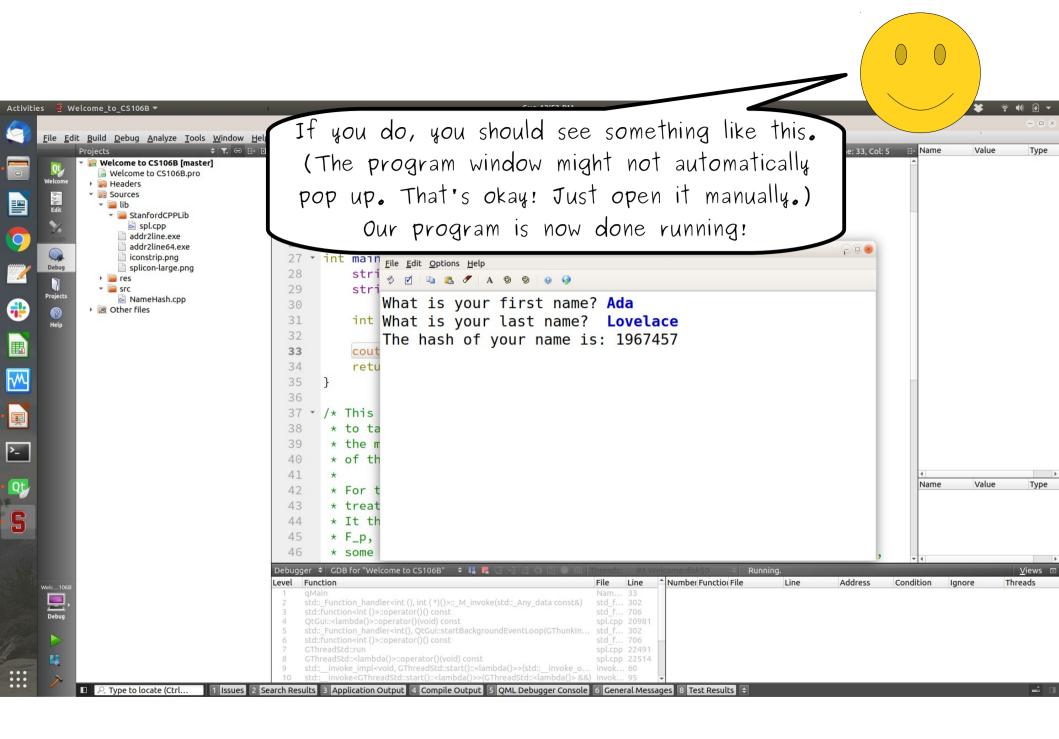




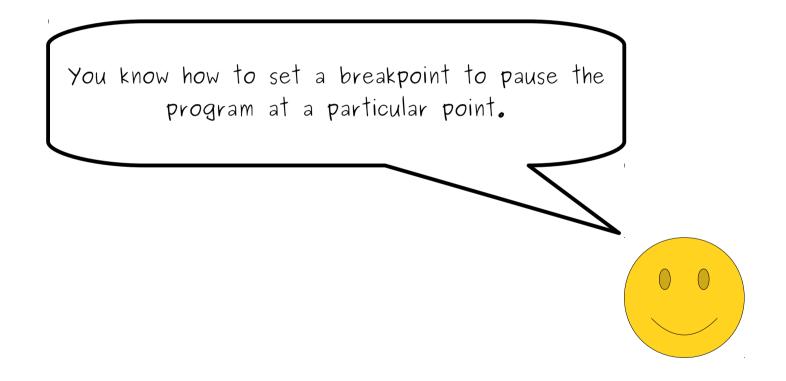


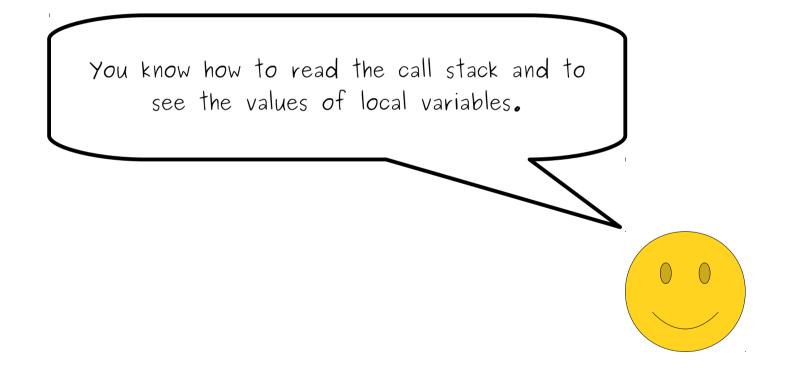


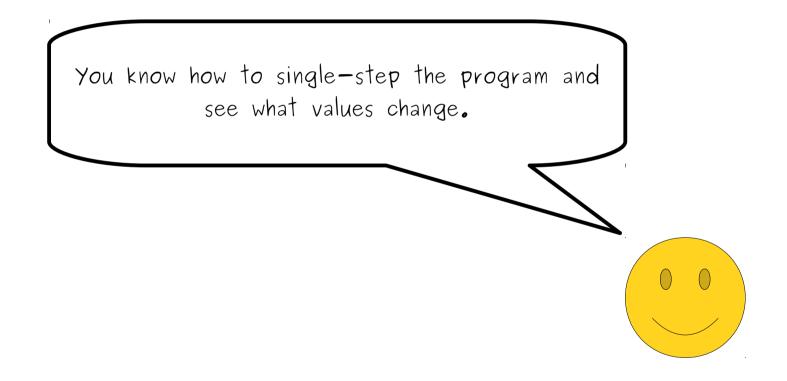


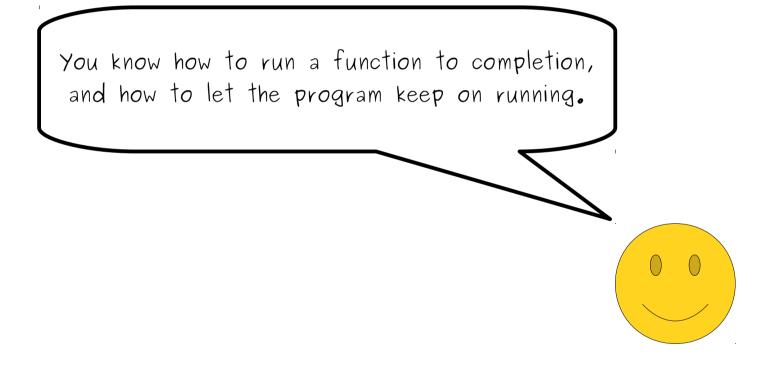












As you write more and more complicated programs this quarter, you'll get a lot more familiar using the debugger and seeing how your programs work.

