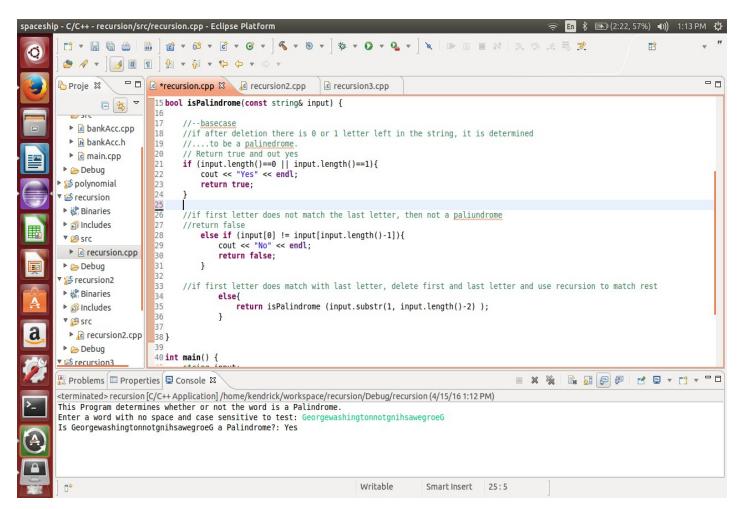
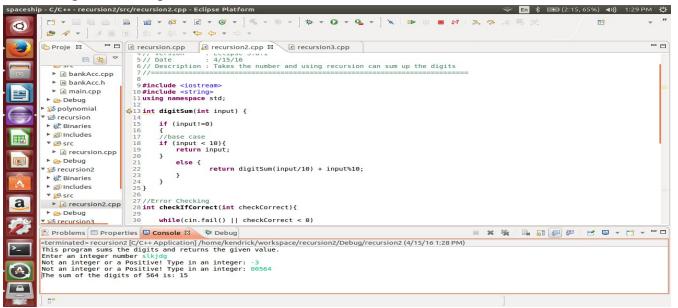
Assignment: This assignment was to show our thinking for recursion and solve basic exercises.

Problem 1: Compile the program in recursion.cpp. A string is entered and only recurses if the first letter and last letter matches. If the first letter and last letter matches, it recurses and gets deleted. Once it sees that there is only 1 or 0 letters in the string, it went through the whole string and can determine whether or not it is a Palindrome or not.



Problem 2: Compile the program in recursion2.cpp. The program takes an integer and adds the sum of it's digits. The compilation is seen below.



Problem 3: Compile the program in recursion3.cpp. The program takes an integer number and using the Fibonnacci Sequence, determines the amount of ways a user can take steps up the stairs. Below is the sample compilation.

