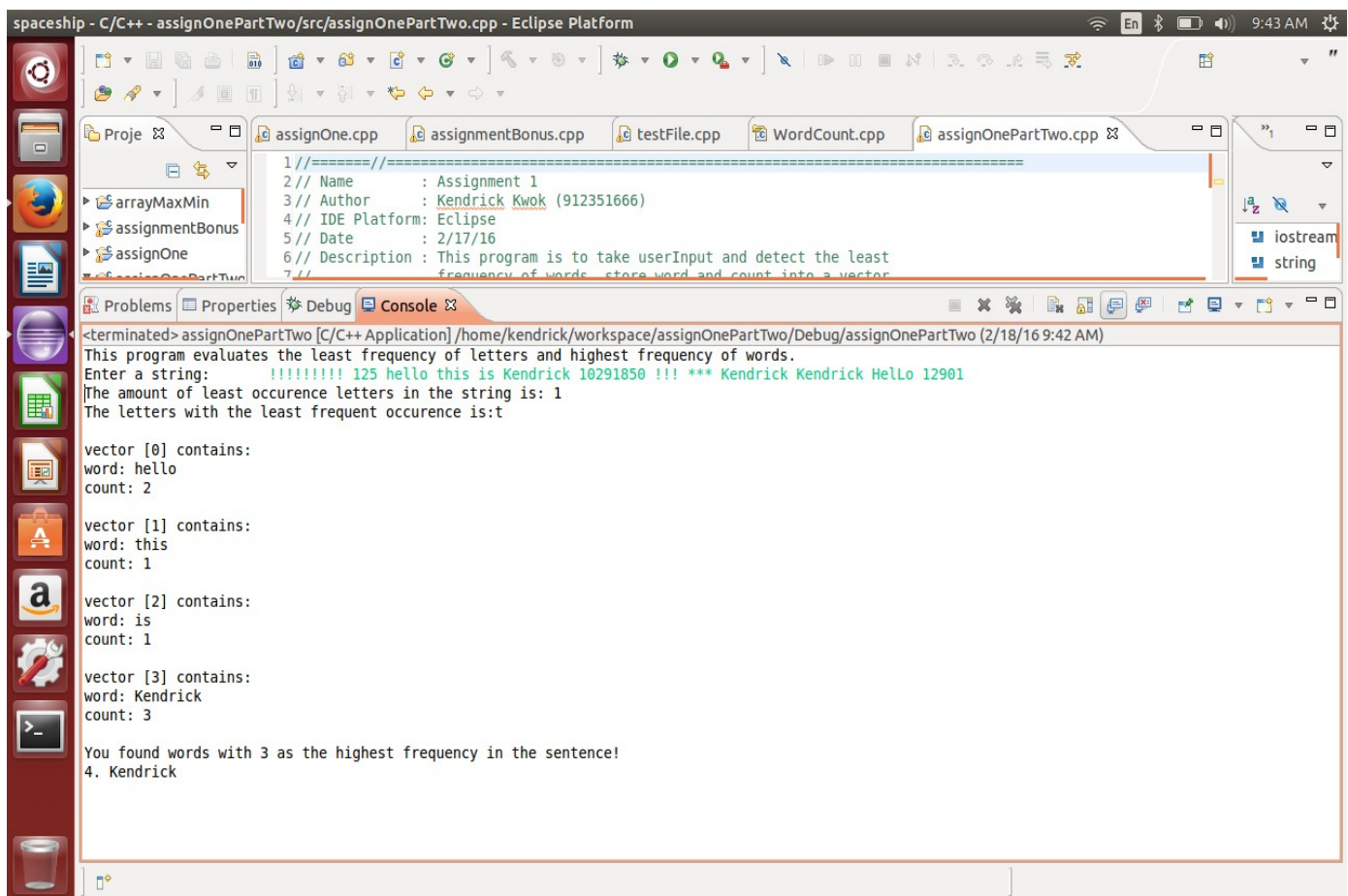Kendrick Kwok
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Assignment #1
Potter

I used Eclipse 3.8.1 – 5.1 on a Linux computer.

#1: The first program is to take user input and detect the least frequency of words, store word and count into a vector, display the vector, and output the highest frequency of words from the vector. If the user inputs an INT, the user is given no letters and cout from the vector indicatin that the vector is empty. .

#1: The second program is to take the user input of ints and store it into a vector. Print out the contents, then using selection sort to sort the vector from the last amount to largest, and print out the vector again. If the user inputs something that is not the string, then the user is prompted to write another int.

Below is the compilation I have, with the user inputs if typed incorrectly.

Problem #2:

The screenshot shows the Eclipse Platform IDE (spaceship - C/C++ - assignmentBonus/src/assignmentBonus.cpp).

Code editor (assignmentBonus.cpp):
```
72          }
73 }
74
75 int main() {
76   //Variable declarations
77     int counter;
78     int correctCounter;
79     int getX;
80
81   //Declare a vector of ints
```

Console output:
```
<terminated> assignmentBonus [C/C++ Application] /home/kendrick/workspace/assignmentBonus/Debug/assignmentBonus (2/17/16 9:43 PM)
How many numbers do you want to input into the vector?: @@@ oijsg
Not an integer! Type in an integer: 6
Enter a vector of numbers: alksmglka @!!!
Not an integer! Type in an integer:  4
You pushed 4 into vector [0]!
Enter a vector of numbers: 2
You pushed 2 into vector [1]!
Enter a vector of numbers: laglksma !!
Not an integer! Type in an integer: 7
You pushed 7 into vector [2]!
Enter a vector of numbers: 4
You pushed 4 into vector [3]!
Enter a vector of numbers: 2
You pushed 2 into vector [4]!
Enter a vector of numbers: 647
You pushed 647 into vector [5]!
Your current vector contents are: 4 2 7 4 2 647
Your vector contents after selection sort are: 2 2 4 4 7 647
```