CSCI 101, In-Class Activity #5

For your in-class activity this week, I want you to Create a **C++** program and use whatever manipulators you need to produce the following output:

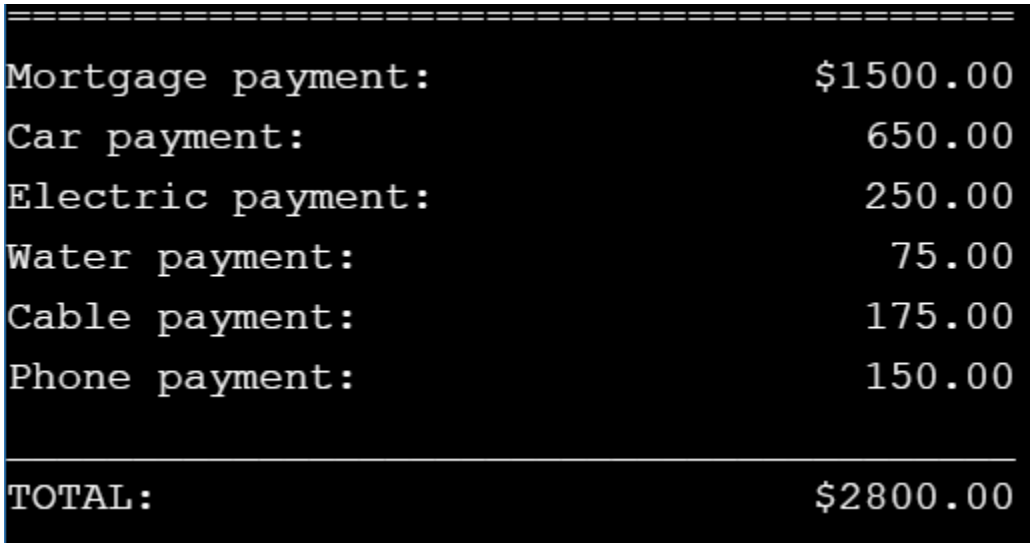

Figure A Output of Activity #5

Please notice how everything is nicely aligned on the right. *I did* **NOT** *use a bunch of spaces in my* **cout** *statements.* The next figure shows my input:

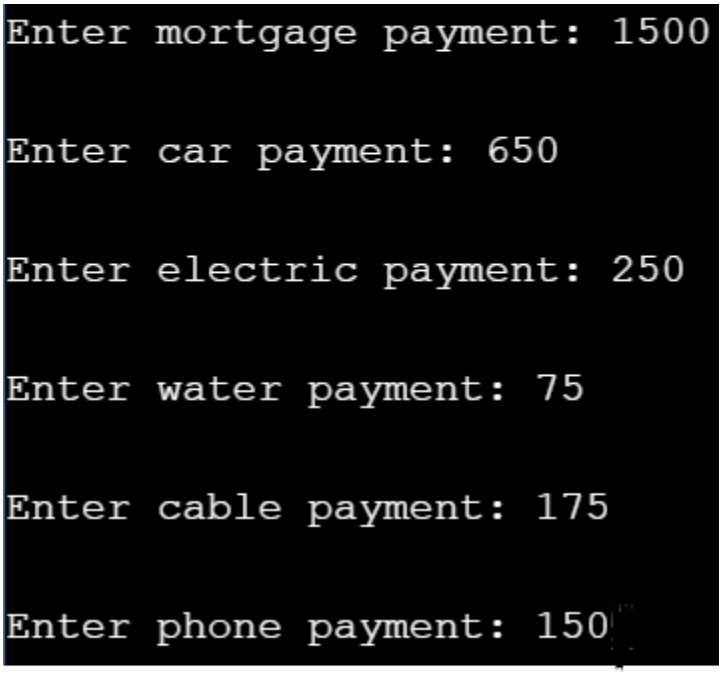

Figure B: Input for Activity #5

I used 13 variables in the program. You need to use the same variables. You will be able to download a skeleton file for you to use. You should have seen it in canvas; however, here's the image of the file from my Notepad++.

```cpp
//****************************************************************
//
// Author: Your Name Here
//
// February 11, 2019
//
// This Lecture Activity (inClassActivity5.cpp)
// utilizes setw, fixed, showpoint and setprecision
//
//****************************************************************

#include <iostream>
#include <iomanip>
#include <string>

using namespace std;

int main()
{
    string mortItem      = "Mortgage payment:";
    string carItem       = "Car payment:";
    string electricItem  = "Electric payment:";
    string waterItem     = "Water payment:";
    string cableItem     = "Cable payment:";
    string phoneItem     = "Phone payment:";

    double mortgagePmt;
    double carPmt;
    double electricPmt;
    double waterPmt;
    double cablePmt;
    double phonePmt;

    double totalOwed = 0;

    // This is where your program will go.

    return 0;
}
```

You should be able to figure out how I used the string variables in lines 20 through 25.

Save your program with the name **in-classActivity5.cpp**. Make sure it runs before you submit it. When it runs properly, submit it in canvas.