Fall 2013
CSE 100, CIDSE
Arizona State University, Tempe
5 Points

Lab Number: 0

Objectives: Objective of this lab is to get familiar with Visual Studio/Visual C++ 2010 or 2012 , type simple, compile and execute C++ programs.

Pre Lab: Read textbook pages 1-12

Lab:

1. Type the following C++ programs using visual studio and observe the output

a).

```
#include <iostream>
using namespace std;
int main()
{
    cout << "My first C++ program.";
    cout << "The sum of 2 and 3 = " << 5;
    cout << "7 + 8 = " << 7 + 8;
    return 0;
}
```

Output:

My first C++ program.The sum of 2 and 3 = 57 + 8 = 15Press any key to continue . . .

b) Using newline command : endl

```
#include <iostream>
using namespace std;
int main()
{
    cout << "My first C++ program." << endl;
    cout << "The sum of 2 and 3 = " << 5 << endl;
    cout << "7 + 8 = " << 7 + 8 << endl;
    return 0;
}
```

Output:

My first C++ program.
The sum of 2 and 3 = 5
7 + 8 = 15
Press any key to continue . . .

Notice that the endl command at the end of statement forces a newline.

c) using tab space: \t

```cpp
#include <iostream>
using namespace std;
int main()
{
    cout << "\t\t\t\ My first C++ program." << endl;
    cout << "The sum of 2 and 3 = " << 5 << endl;
    cout << "7 + 8 = " << 7 + 8 << endl;
    return 0;
}
```

Output:

My first C++ program.
The sum of 2 and 3 = 5
7 + 8 = 15
Press any key to continue . . .

2. Write a C++ program to display following information in the monitor Your name (First, last), age , and Academic level (Freshman, Junior….etc).

The output should looks like
John, William
20
Freshman

Submission

Please submit your lab to Dropbox **Lab0** basket.

```cpp
#include <iostream>
#include <string>
using namespace std;
int main()
{
 string lastName, firstName, academicStatus;
 int age;
 lastName = "Pototsky";
 firstName = "Jason";
 age = 33;
 academicStatus = "Junior";
 cout << lastName << ", " << firstName << endl;
 cout << age << endl;
 cout << academicStatus << endl;
 return 0;
}
/*
Output:
Pototsky, Jason
33
Junior
Press any key to continue . . .
*/
```