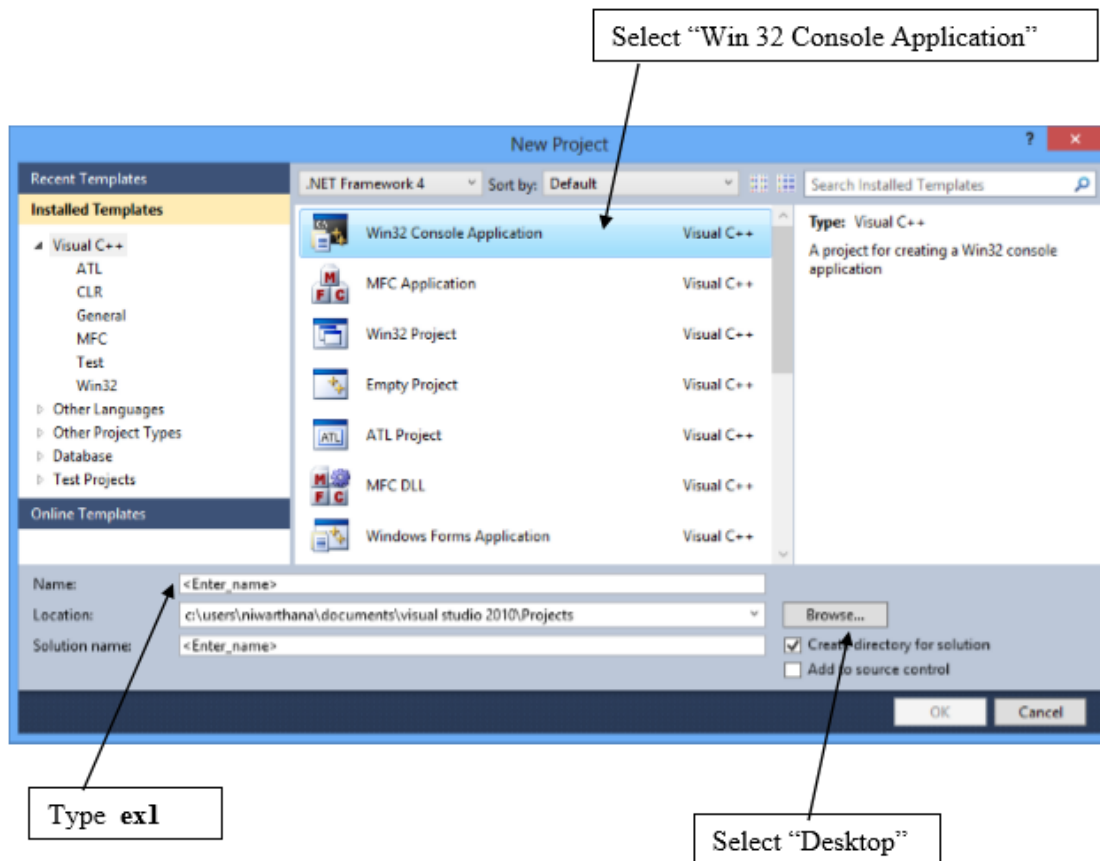


**Lab Exercise 01****IT1050 – Object Oriented Concepts****Semester 1, 2017****Objectives:**

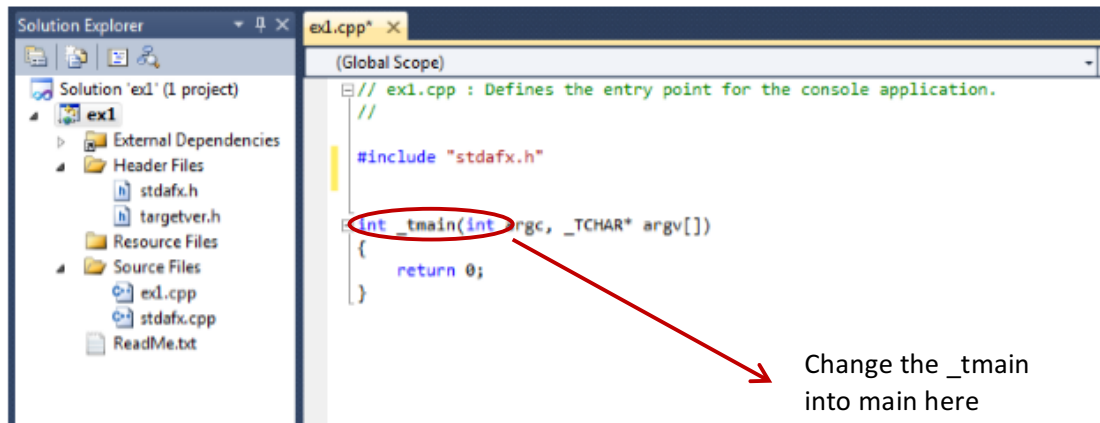
- Learn to use the Visual Studio .Net 2010 platform.
- Use sequence, selection and repetition

**Exercise 1:**

(a) In Visual C++, create a new Win32 Console Application project. Save the project in your Desktop. We will name the project as Lab1a

*Visual Studio 2010*

You will see the following screen where you can type your program.



Note: In Visual Studio C++ the main function is main()

Now type the program.

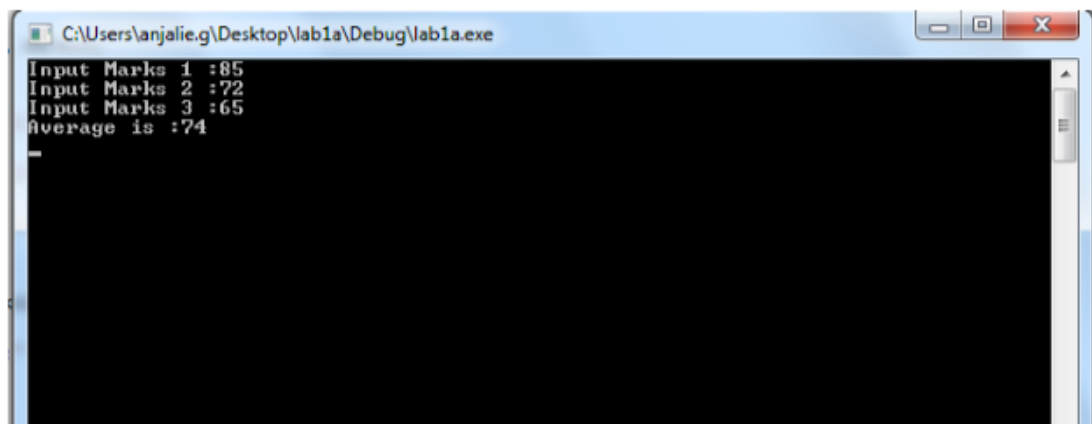


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Note: Make sure to get another user input as above even after displaying the output. Without that code section the terminal will exit immediately. To keep the terminal wait until the user enter a key insert that code segment when you are creating a console application.

(f) Compile and Run the above program.

The sample Output



```
C:\Users\anjali.g\Desktop\lab1a\Debug\lab1a.exe
Input Marks 1 :85
Input Marks 2 :72
Input Marks 3 :65
Average is :74
_
```

**Exercise 2:**

Write a C++ program to enter a number from the keyboard and print whether it is a negative number or a positive number.

**Exercise 3:**

Write a C++ program to create a simple calculator. The program should allow the user to enter two numbers and an option. The options are

1. +
2. -
3. \*
4. /

You should print an appropriate error message if the user enters invalid operator. Use nested if-else statements in your program.

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2. Rewrite the above program using a switch statement.

**Exercise 4:**

Write a C++ program that uses while loop to print the following table of values. Use the tab escape sequence in the cout statement to separate the column with tabs.

N	10*N	100*N	1000*N
1	10	100	1000
2	20	200	2000
3	30	300	3000
4	40	400	4000
5	50	500	5000
6	60	600	6000
7	70	700	7000
8	80	800	8000
9	90	900	9000
10	100	1000	10000