

LAB 01

Summary

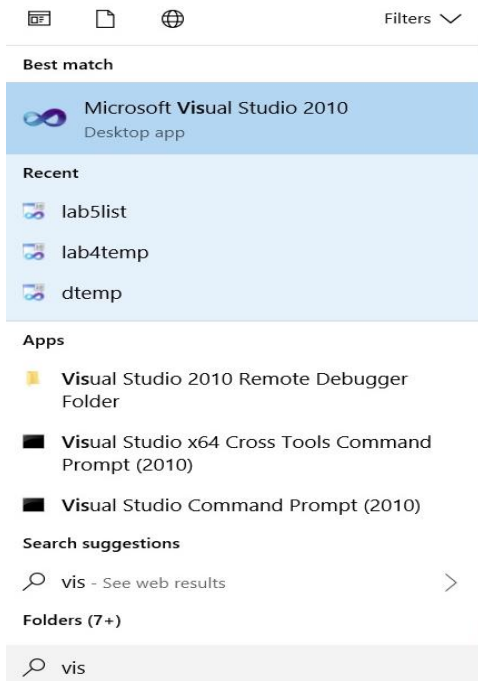
Items	Description
Course Title	Programming Fundamentals
Lab Title	Introduction to programming and compiler
Duration	3 Hours
Operating System /Tool/Language	Visual studio
Objective	To get familiar with the compiler

Task 1 *Install and get familiar with visual studio .*

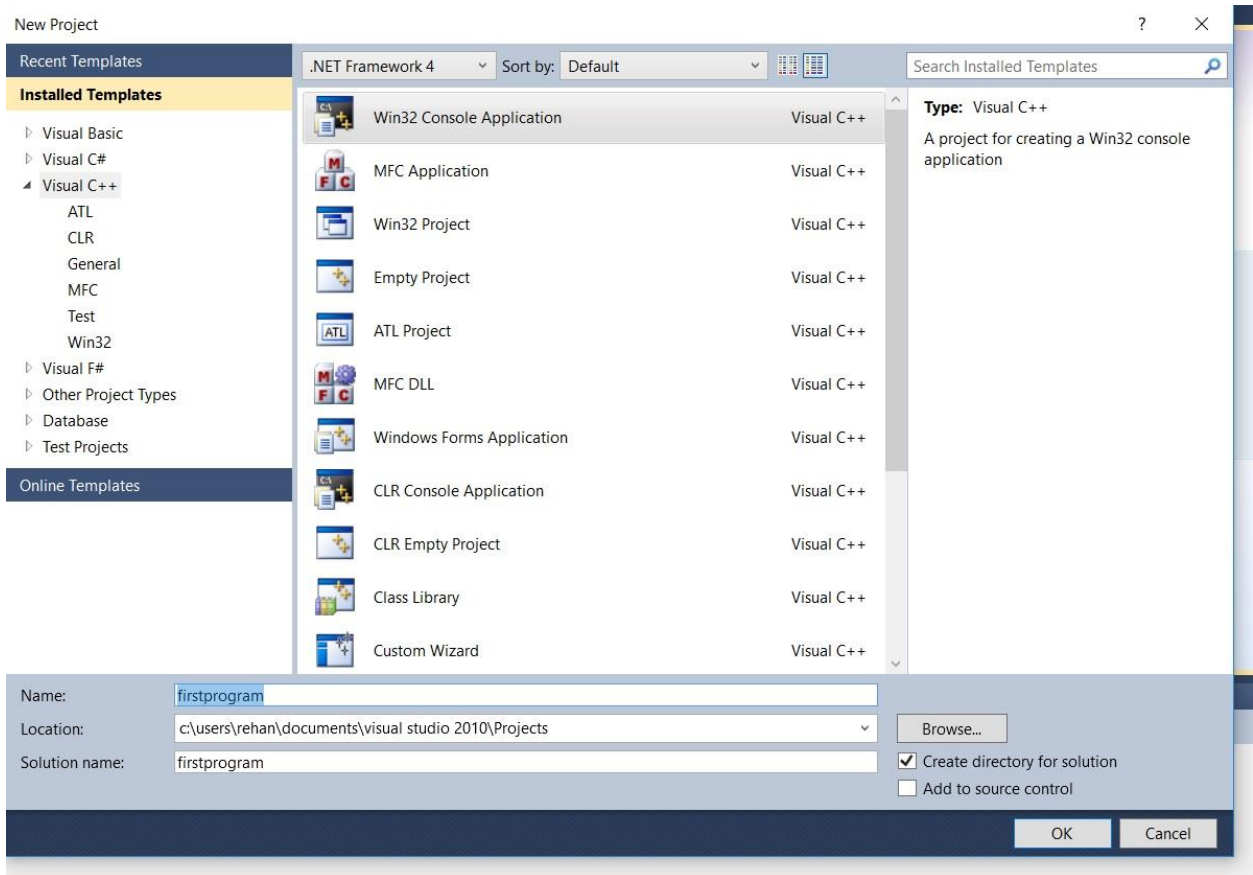
1. First download visual studio suitable to your windows and system and install it.
2. Then click on the windows button.



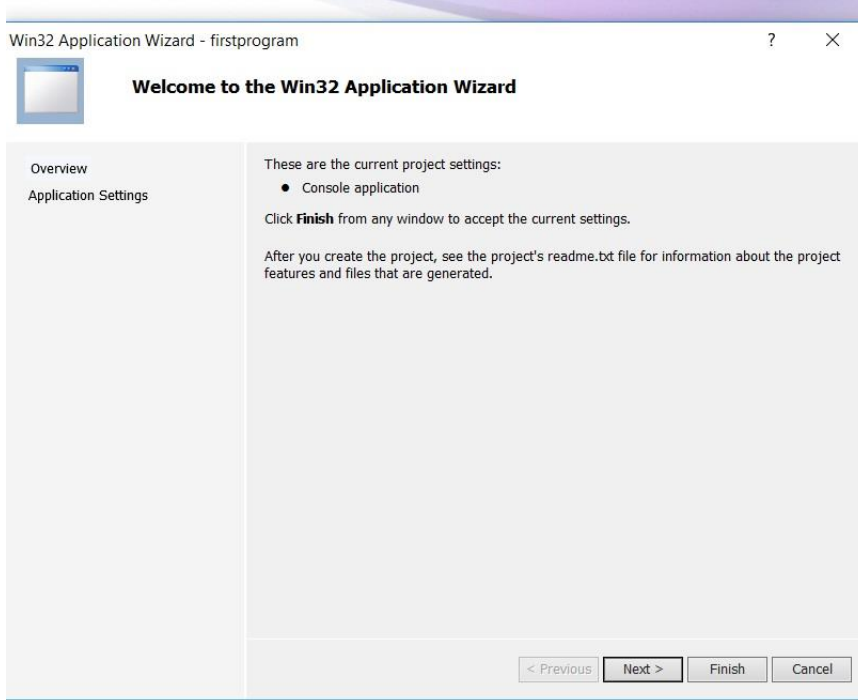
3. Then select visual studio



4. Window of visual studio will be opened.
5. Click on new project



6. Select visual C++ , Win32 Console Application and write some name of your code
7. Select OK.



8. Then select finish

Task 2

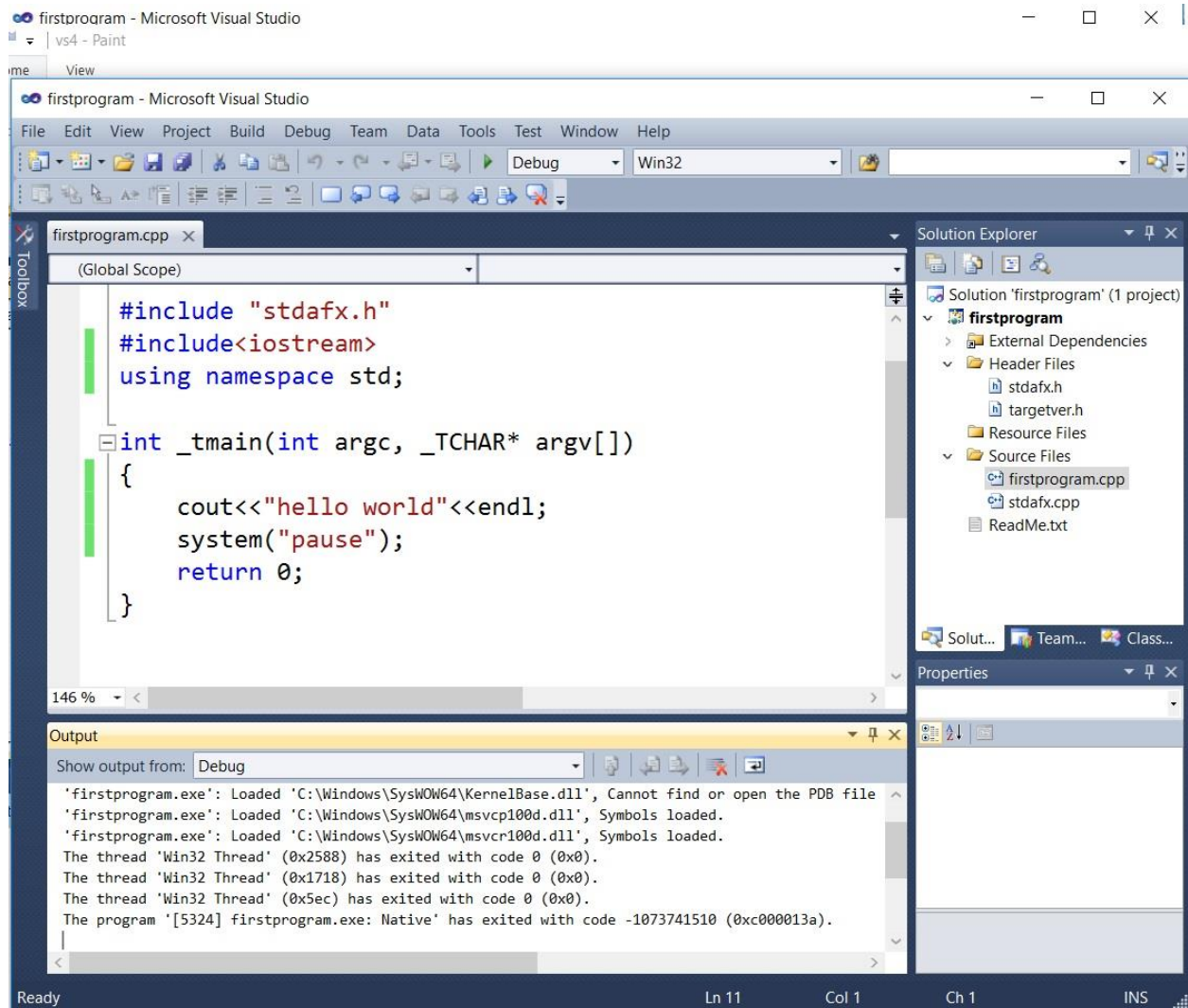
Write the C++ program in Visual Studio

1. Type the following code to the cpp file you created in above task.

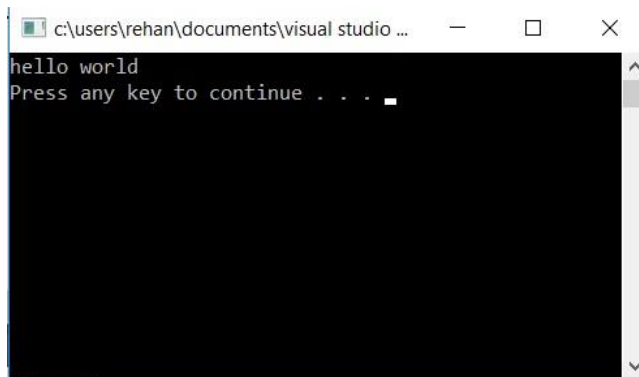
```
#include "stdafx.h"
#include<iostream>
using namespace std;

//int main()
int _tmain(int argc, _TCHAR* argv[])
{
    cout<<"hello world"<<endl;
    system("pause");
    return 0;
}
```

2. After typing the code save your code by going to file> save all

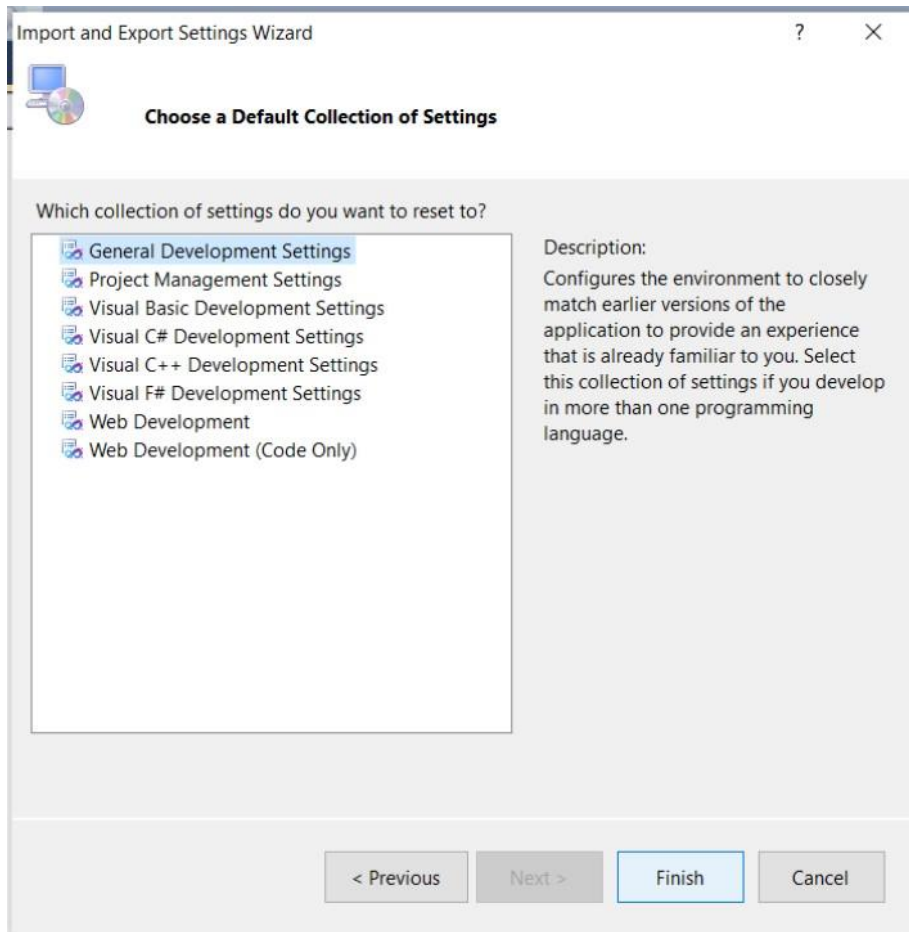


3. Run the program to get the output of your code



Reset Visual Studio settings:

Tools > Import and Export setting > Reset all settings > next > select no just reset setting > General Development settings > finish



Common Errors:

Error name: Link Error

Solution: project > properties > Configuration properties> linker > general > Enable Incremental Linking No

Configuration: **Active(Debug)** Platform: **Active(Win32)** Configuration Manager...

Common Properties	Output File	\$(OutDir)\$(TargetName)\$(TargetExt)
Framework and Refer	Show Progress	Not Set
Configuration Properties:	Version	
General	Enable Incremental Linking	No (/INCREMENTAL:NO)
Debugging	Suppress Startup Banner	Yes (/NOLOGO)
VC++ Directories	Ignore Import Library	No
> C/C++	Register Output	No
Linker	Per-user Redirection	No
General	Additional Library Directories	
Input	Link Library Dependencies	Yes
Manifest File	Use Library Dependency Inputs	No
Debugging	Link Status	
System	Prevent Dll Binding	
Optimization	Treat Linker Warning As Errors	
Embedded IDL	Force File Output	
Advanced	Create Hot Patchable Image	
Command Line	Specify Section Attributes	
> Manifest Tool		
> XML Document Gene		
> Browse Information		
> Build Events		
> Custom Build Step		

Enable Incremental Linking
Enables incremental linking. (/INCREMENTAL, /INCREMENTAL:NO)

OK Cancel Apply