### CSCI-3133 C Programming

### - Prof. K Abeysekera

# Tutorial on how to write, compile and run a C program in Visual Studio 2008.

#### 1) Start-->Programs-->Microsoft Visual Studio 2008-->Visual Studio

2)

🤣 Choose Default Environment Settings						
Visual Studio 2008						
Before you begin using Visual Studio for the first time, you need to specify the type of development activity you engage in the most, such as Visual Basic or Visual C#. Visual Studio uses this information to apply a predefined collection of settings to the development environment that is designed for your development activity.						
You can choose to use a different collection of	settings at any time. From the Tools menu, choose					
<ul> <li>Allow Visual Studio to download and displating Choose your default environment settings:</li> <li>General Development Settings</li> <li>Visual Basic Development Settings</li> <li>Visual C# Development Settings</li> </ul>	y online RSS content Description: Equips the environment with the tools necessary to					
Visual C++ Development Settings Web Development Settings	develop native and managed C++ applications. This collection of settings also contains Visual C++ 6 style keyboard shortcuts, among other customizations.					
	Start Visual Studio Exit Visual Studio					

Microsoft	t Visual Studio
i	Microsoft Visual Studio is configuring the environment for first time use. This might take a few minutes.

## 3) Click on File--> New-->Project



### 4) Project Type should be :

Visual C++ -> General -> Empty Project

#### Enter location and name

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Name: Krishani Abeysekera			
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Solution Name: Krishani Abeysekera	Create <u>d</u> irectory for so	ution	
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5) Right click on Source File and click on Add

Select C++ file (.cpp)

Enter name



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# 6) Write your Code (as shown in the snapshot)

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7) Right click on the file name in the Solutions Explorer panel and click on compile.

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- 8) Fix program until there are no errors.
- 9) Click on the Build menu and select Build Solution

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10) Click on the **Debug menu** and select **Start without Debugging** to run the program



11)After you are done completing the project. First go to the drop down menu near the top of the screen which says "debug" and change it to "Release" in order to save your project as .exe (as shown)

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//following code sets b to the value	the user imputs to deter	rmine if the loo	op is bro	ken to end	i the program	Resource F	iles
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cin >> b;						Coucie	PP
if (b=2)							
<pre>cout &lt;&lt; "Terminating application.";</pre>							
}							
//ends the main function of the code							
return 0;					E		
//following function adds the numbers							
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float c;						Properties	<b>-</b> ↓ X
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12)Go to the Build menu and select "Rebuild".This should give the similar output.

Go to Windows Explorer and go to: "<u>C:\Documents</u> and Settings\your\_username\_here\My Documents\ Visual Studio2008\Projects\Project\_name\Release".Double click on the filename.exe(Eg. Code.exe),check if it runs.

You need to hand in this exe file and the source code of your project