Getting Started
CSCI 111

1) Begin C++ - Select Microsoft Visual Studio 2013 from the Start menu (all Programs) or from the NAL menu (Look for the infinity symbol)

2) Create a **new project** in C++

On the opening page, Select **File -> New -> Project**

This will bring up a dialog box. <u>Make sure that C++ is the language chosen</u> or you will get completely menu options from here on. If another language is selected, choose C++ now

Select **General-> Empty Project**

We will create new folders so that our project is in a location we can easily find again.

A) Create a new folder to store all your CSCI 111 projects –

Go to the box for "Location". Select **Browse**.

If the F drive does not show up, type **F:** then Select **Browse** again.

Highlight the F: drive, then right click. Select "**New -> Folder**". Highlight the new folder created, and right click. Select "rename" and then type in a name for the folder - such as "CSCI 111 projects"

Note: This only needs to be done once for the semester!

B) Create a new folder for this single project -

Go to the box for "Location". Select **Browse**.

If the F drive does not show up, type "F:\" then Select **Browse** again.

Click on the name of the folder you are using for the semester. With it highlighted,

Right click in the file part of the directory window and select "**New… Folder**" or hit the "New Folder" button at the top. Type in a name for the folder. Use the same name as the program will have, with no special characters or spaces, and one that identifies this project, such as Demo1.

C). Click on the box, then type in the name of the project. Use the same name as you did in step B, such as **Demo1**

D) Click the **OK** button. If you get a message about the project location not being fully trusted, click OK again. Your project has now been created, but we have three more things to create for our project: a source code file, a data file, and an output file.

E) Create the files you will need for this project.

    1) Go to the Solution Explorer window.

        Right Click on **Source Files**   Select Add ->New Item

        A dialog box will come up allowing you to tell it what kind of object to create and what to call it.

        Select **Code -> C++ File**

        Go to the Name box, and enter the name you used earlier – Demo1

            Note that the IDE will enter the .cpp for you.

    2) Go to the Solution Explorer window.

        Right Click on **Resource Files**   Select Add ->New Item

        A dialog box will come up allowing you to tell it what kind of object to create and what to call it.

        Select **Utility -> Text Files (.txt)**

        Go to the Name box, and enter the name you used earlier, but type in an extension to signify this is an input file, so **Demo1.dat**

    3) Go to the Solution Explorer window.

        Right Click on **Resource Files**   Select Add ->New Item

        A dialog box will come up allowing you to tell it what kind of object to create and what to call it.

        Select **Utility -> Text Files (.txt)**

        Go to the Name box, and enter the name you used earlier, but type in an extension to signify this is an output file, so **Demo1.out**

F) The project is complete for the project, but there is one more step needed. **Save everything NOW!** Use the icon with multiple disks to save all the files in your project at one time. Saving now will insure that your project will be able to be saved properly before you do lots of work in it.