Assignment Date: Week 1
Due Date: Week 2

Assignment Objective

The purpose of this assignment is to make sure you have a working C# build environment at home and to play with MSDN and a simple C# Console project.

1. **Install software**

    If you already have Visual Studio 2005 in some form then you may skip this step.

    Install Visual C# 2005 Express from Microsoft's site.

    Be sure to read the system requirements.

    During installation, you may check MSDN if you wish to have a *local* copy of the MSDN Library. Otherwise, to save space and download time, you can leave it unchecked to have Visual Studio use the *online* MSDN Library.

2. **Look up the following in MSDN**

    Using MSDN, find the following C# statements. If you are familiar with Java, take a mental note of which ones are similar or identical to Java and which ones are different or altogether new.

    As you look these up in MSDN be careful to make sure you are looking at the C# versions of these statements! MSDN (Microsoft Developer Network) contains online help for all of its development products, including C#, C++, VB, ASP, Javascript, SQL Server, etc.
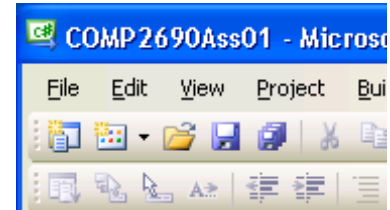
```
if…else
while
do
for
foreach
switch
```

3. Write C# Console Application

Create a new Console project, naming it `COMP2690Ass01`.

> If you are using Visual Studio Express then SAVE NOW because the Express version does not auto save your work until you save the project yourself at least once!
>
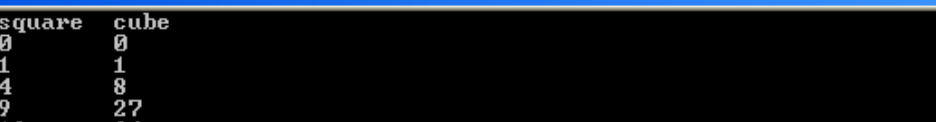> As you save, be sure to decide on an appropriate place to save it.
>
> After saving just once, VS *will* auto save whenever you compile your code. This is a quirk with the Express edition.

For this program, you may put all your code in Main or you may write separate methods and classes as you see fit. I will not be marking your program design in this assignment.

Write some code to calculate the squares and cubes of the numbers from 0 to 10 and print the resulting values in table format, as shown below.

- For full marks, make your output look *exactly* like the sample below
- This application does not require any input from the user.

For all your code, be sure to:

- Use good tabbing in your code
- Use good spacing in your code
- Comment your code intelligently

Please Hand In:

1. A copy of your project files copied to your directory in ShareIN.

Please DO NOT Hand In:

1. The `bin` and `obj` folders that come with the project. They can be quite large and I do not need them. Marks will be taken off if you include these folders!