Programming 1 Week 2 exercises

NB: Create a week 2 folder in your Programming1 folder if you have not already done so. It maybe best to copy this file into the week2 folder using a right click on the file in blackboard and the save as option.

1   Extract each of the programs below and enter them into JCreator and save them in your week2 folder and name them the same as the class. Then compile/debug them until they work.

```
// Program to write HELLO WORLD on the screen
// Exercise Tutor  24th Sept. 2005

class HelloWorld1
{
    public static void main(String args[])
    {
            System.out.println("\n\n                HELLO WORLD);
    }
}
```

```
// Program to write HELLO WORLD on the screen
// Exercise Tutor  24th Sept. 2005

Class HelloWorld2
{
    public static void main(string args[])
    {
            System.out.println("\n\n                HELLO WORLD")
    }
}
```

2   Print out the following table using \n and \t.
```
1       2       3
4       5       6
7       8       9
```

3   Write four programs to output the following text.

First line
Second line
Third line

The first program is to use **three** System.out.println() statements.
The second program is to use only **one** System.out.println() .
The third is to use three String variables each holding the values of text on one line, you will need to use **three** System.out.println() statements.
The final program amends the third program. A fourth String variable is used to hold a the output for all three lines, this variable is formed from a concatenation

for the three individual variables used to hold each line. You will need only one System.out.println() statement.

4   Write a program to use three ints, giving them values of 4, 5 and 6 and calculate and output their sum so that the program output looks like this:

4 + 5 + 6 = 15

5   Repeat exercise 4 with numbers of type double, so the output could become.

4.1 + 5.1 + 6.1 = 15.3

6   Make sure you have completed all the lectoral exercises.

Now read you're the handout again to make sure you have understood this week's programming 1 material.

Answers will be posted on Blackboard next week. See answer to questions 4 and 5 as it contains extra information.