Lab Exercise-1

Advanced Programming Lab-II

Note: Before writing any program, make sure that the appropriate version of Java Development Kit (JDK) is available on your machines. You can start by saving your source files in bin sub-directory of your jdk directory. Use *javac* and *java* to compile and run your program source files and class files, respectively.

1. Write a program in Java to print "Hello World".

Sol. class First {

    public static void main (String args[ ]){

     System.out.println("Hello World");

   }

  }

2. Write a program in Java to print these patterns:

```
        *                      *  *  *  *
      *   *                      *  *  *
    *    *    *                    *  *
  *    *    *    *                   *
```

Hint. Use for loop in java, the syntax is same as that in C++.

3. Write a program in Java to print the table of a number received through command line argument, e.g.

If user gives 4 through command line argument, the program should print:

 4 x 1= 4

 4 x 2= 8

....

4x10= 40

Hint. Command line arguments are passed at the time of executing a java program, e.g. if we pass command line argument in the class First in our first problem, we would have done something like this : *java First cat* Here, cat will be passed as an argument and will be collected at the args[0] array of string.