LOOPS QUESTIONS

Question 1 : How many times 'Hello' is printed?

```java
public class Solution {
   public static void main(String[] args){
      for(int i=0; i<5; i++) {
         System.out.println("Hello");
         i+=2;
      }
   }
}
```

Question 2 : Write a program that reads a set of integers, and then prints the sum of the even and odd integers.

Question 3 : Write a program to find the factorial of any number entered by the user.

(**Hint** : factorial of a number n = n * (n-1) * (n-2) * (n-3) * ...... * 1 and exists for positive numbers only. We write factorial as n!

So, factorial of 0! = 1, 1! = 1, 2! = 2, 3! = 6, 4! = 24 and so on.

Note - Please do not confuse factorial with NOT EQUAL TO operator, they are not the same)

Question 4 : Write a program to print the multiplication table of a number N, entered by the user.

Question 5 :

What is wrong in the following program?

```java
public class Solution {
   public static void main(String args[]) {
      for(int i = 0; i <= 5; i++ ) {
         System.out.println("i = " + i );
      }
```

```
        System.out.println("i after the loop = " + i );

    }

}
```