Method Calls and Scope of Variables

MCQs

Q1- Which of the following(s) is/are true about java programming language:

a) It is pass by value
b) It is pass by reference
c) It is both pass by reference and pass by value
d) It is pass by value and not pass by reference

Q2- What will be the output of the following snippet:

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

a) 0
b) 5
c) 4
d) Error

Q3- What will be the output of the following code:

```java
public class Main
{
    public static int helper(int num)
    {
        num=num+5;
        return 0;
    }
    public static void main(String[] args){
        int num=6;
        int val=11;
        val=helper(num);
        System.out.print(num);
        System.out.println(val);
    }
}
```

a) 6 0
b) 11 11
c) 6 5
d) 5 11

Q4- What will be the output of the following code:

```java
public class Main
{
    public static int helper(int p)
    {
        int q=6;
        p=p+5;
        return q;
    }
    public static void main(String[] args){
        int q=0;
        int p=10;
        System.out.print(p +" "+ helper(p));
    }
}
```

a) 10 15
b) 10 6
c) 10 0
d) 0 6

Q5- What will be the output of the following code:

```java
public class Main
{
    public static int helper(int p)
    {
        int q=6;
        p=p+5;
        return p;
    }
    public static void main(String[] args){
        int q=0;
        int p=10;
        System.out.print(helper(q)+" "+ helper(p));
    }
}
```

a) 0 10
b) 6 5
c) 5 15
d) 6 10

Answers:

Ans 1 : d
Ans 2 : d
Ans 3 : a
Ans 4 : b
Ans 5 : c