

A practical file of  
**JAVA PROGRAMMING AND DYNAMIC WEBPAGE DESIGN**

**Subject Code: BCA-508P**

**Bachelors of Computer Application (BCA)**



**Harlal Institute of Management & Technology ,Greater Noida  
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```
*  
* *  
* * *  
* * * *
```

10. WAP for single inheritance
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## Print table of an integer number.

```
package com.company;
import java.util.Scanner;
public class TableOfInteger
{
    public static void main(String[] args)
    {
        Scanner sc=new Scanner(System.in);
        System.out.println("Enter the number to print the Table : ");
        int num= sc.nextInt();
        for (int i=1; i<=10; i++ )
        {
            System.out.println(num+"*"+i+"="+num*i);
        }
    }
}
```

Enter the number to print the Table :

5

5\*1=5

5\*2=10

5\*3=15

5\*4=20

5\*5=25

5\*6=30

5\*7=35

5\*8=40

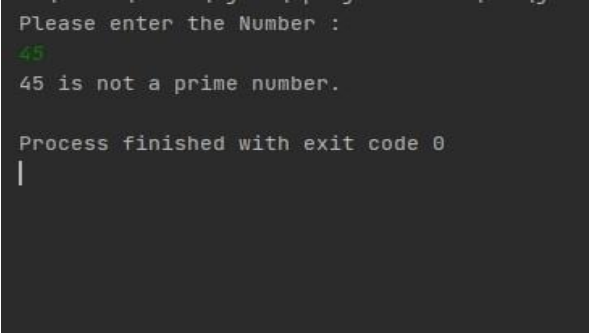
5\*9=45

5\*10=50

Process finished with exit code 0

## Prime number program.

```
package com.company;
import java.util.Scanner;
public class PrimeNumberProgram
{
    public static void main(String[] args)
    {
        Scanner sc=new Scanner(System.in);
        System.out.println("Please enter the Number : ");
        int num=sc.nextInt();
        boolean flag=false;
        for (int i=2; i<=num; i++)
        {
            if (num % i == 0)
            {
                flag = true;
                break;
            }
        }
        if (!flag)
        {
            System.out.println(num+" is a prime number.");
        }
        else
        {
            System.out.println(num+" is not a prime number.");
        }
    }
}
```

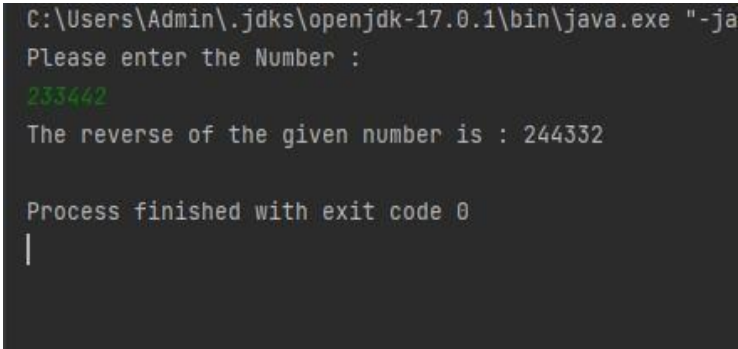


```
Please enter the Number :
45
45 is not a prime number.

Process finished with exit code 0
|
```

## Program to reverse a number.

```
package com.company;
import java.util.Scanner;
public class ReverseNumberProgram
{
    public static void main(String[] args)
    {
        Scanner sc=new Scanner(System.in);
        System.out.println("Please enter the Number : ");
        int num=sc.nextInt();
        int reverse=0;
        while(num!=0)
        {
            int reminder = num % 10;
            reverse = (reverse * 10) + reminder;
            num = num / 10;
        }
        System.out.println("The reverse of the given number is : "+reverse);
    }
}
```



```
C:\Users\Admin\.jdk\openjdk-17.0.1\bin\java.exe "-ja
Please enter the Number :
233442
The reverse of the given number is : 244332

Process finished with exit code 0
|
```