

## Practical 3 :

### Code :

```
import java.util.*;

class great_small{

    public static void main(String[] args) {

        Scanner sc=new Scanner(System.in);

        System.out.print("Enter First No : ");

        int a = sc.nextInt();

        System.out.print("Enter Second No : ");

        int b = sc.nextInt();

        if(a<b)

            System.out.print(a+" is Smaller Than "+b);

        else if(a>b)

            System.out.print(a+" is Greater Than "+b);

        else

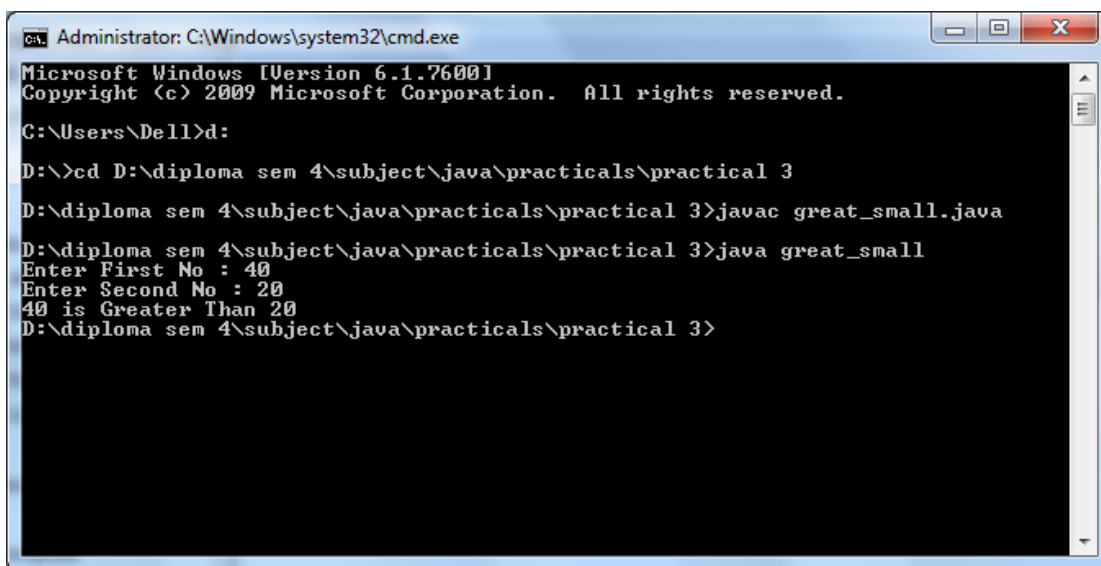
            System.out.print(a+" is Greater Than "+b);

        sc.close();

    }

}
```

### Output :



```
Administrator: C:\Windows\system32\cmd.exe
Microsoft Windows [Version 6.1.7600]
Copyright (c) 2009 Microsoft Corporation. All rights reserved.

C:\Users\Dell>d:

D:\>cd D:\diploma sem 4\subject\java\practicals\practical 3

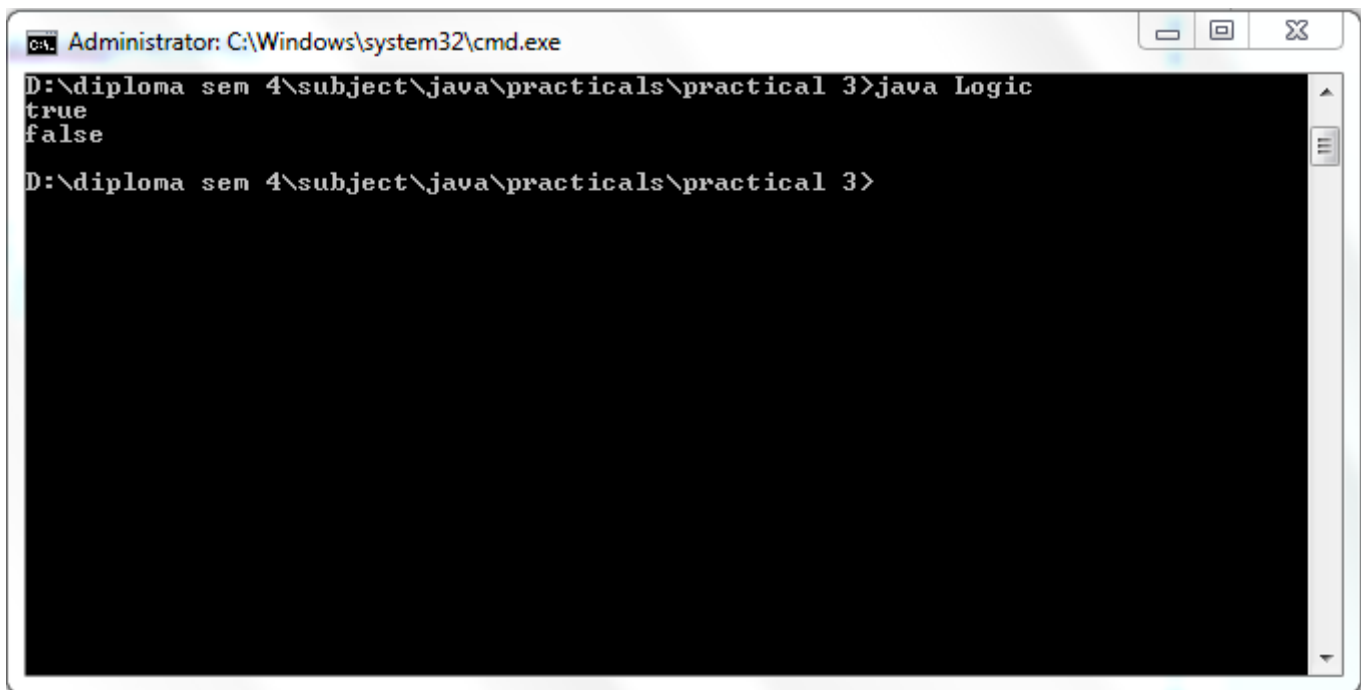
D:\diploma sem 4\subject\java\practicals\practical 3>javac great_small.java

D:\diploma sem 4\subject\java\practicals\practical 3>java great_small
Enter First No : 40
Enter Second No : 20
40 is Greater Than 20
D:\diploma sem 4\subject\java\practicals\practical 3>
```

Code :

```
class Logic {  
    public static void main(String[] args) {  
        System.out.println((5<3) || (4<5));  
        System.out.println((5<3) || (4>5));  
    }  
}
```

Output :



The screenshot shows a Windows command prompt window titled "Administrator: C:\Windows\system32\cmd.exe". The command prompt displays the following text:

```
D:\diploma sem 4\subject\java\practicals\practical 3>java Logic  
true  
false  
D:\diploma sem 4\subject\java\practicals\practical 3>
```

The output of the Java program is "true" followed by "false" on separate lines, which corresponds to the logical expressions in the code block above.

## Code :

```
import java.util.*;

class Eodd{

    public static void main(String[] args) {

        Scanner sc = new Scanner(System.in);

        System.out.print("Enter any number : ");

        int a =sc.nextInt();

        if (a%2==0)

            System.out.println(a+" Is Enven");

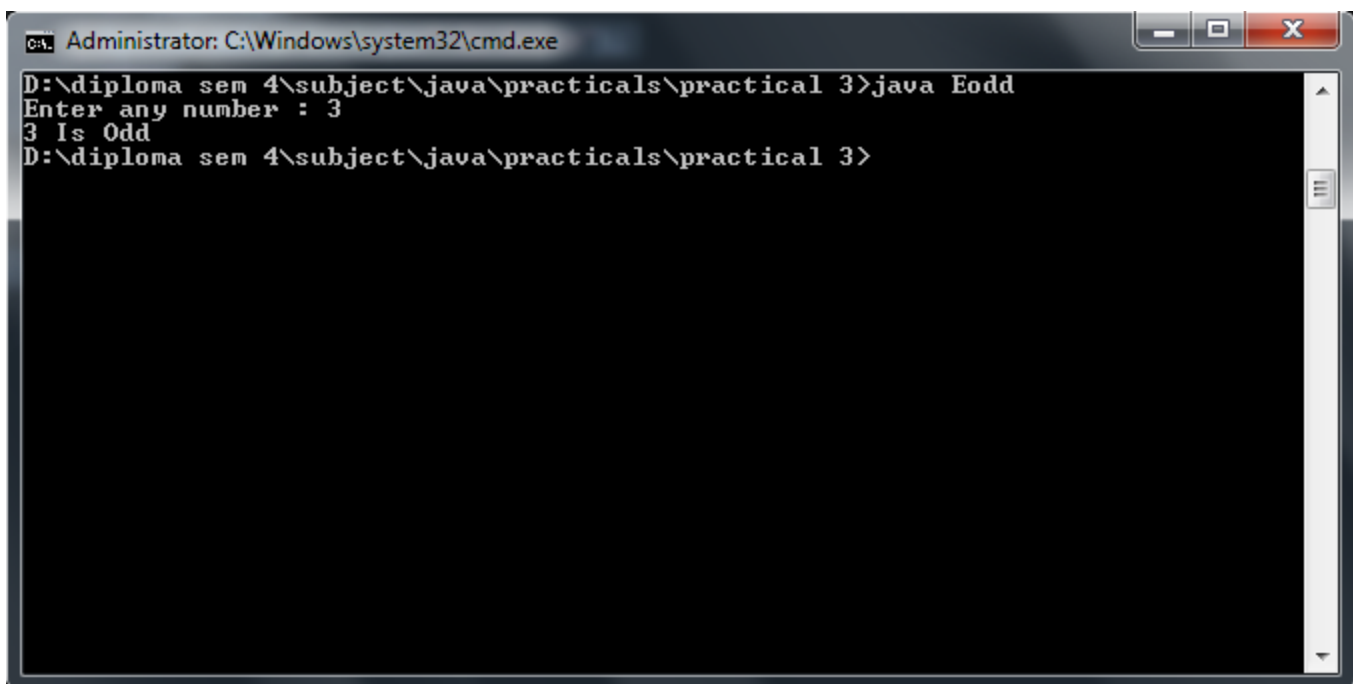
        else

            System.out.print(a+" Is Odd");

    }

}
```

## Output :



The screenshot shows a Windows command prompt window titled "Administrator: C:\Windows\system32\cmd.exe". The command prompt is open at the directory "D:\diploma sem 4\subject\java\practicals\practical 3". The user has entered the command "java Eodd". The output of the program is displayed as follows:

```
D:\diploma sem 4\subject\java\practicals\practical 3>java Eodd
Enter any number : 3
3 Is Odd
D:\diploma sem 4\subject\java\practicals\practical 3>
```