

Practical 10

Aim : Write a test program that prompts the user to enter ten numbers, invoke a method to reverse the numbers, display the numbers.

Code :

```
import java.util.*;

class Practical10
{
    public static void main(String args[])
    {
        Scanner a=new Scanner(System.in);
        int[] arr=new int[10];
        System.out.println("Enter 10 numbers : ");

        for(int i=0;i<arr.length;i++)
            arr[i]=a.nextInt();

        reverse(arr);

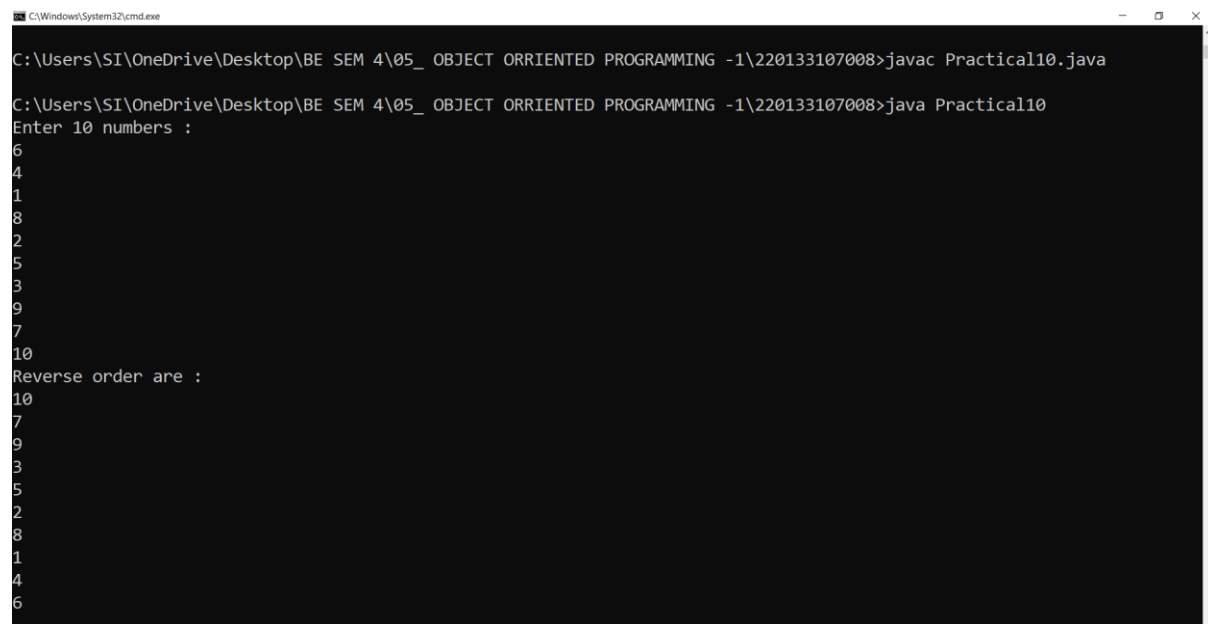
        System.out.println("Reverse order are : ");

        for(int i=0;i<arr.length;i++)
            System.out.println(""+arr[i]);
    }

    public static void reverse(int[] list)
    {
        int t;
        for(int i=0,j=list.length-1;i<list.length/2;i++,j--)
        {
            t=list[i];
```

```
        list[i]=list[j];  
        list[j]=t;  
    }  
}  
}
```

Output :



```
C:\Windows\System32\cmd.exe  
C:\Users\SI\OneDrive\Desktop\BE SEM 4\05_ OBJECT ORRIENTED PROGRAMMING -1\220133107008>javac Practical10.java  
C:\Users\SI\OneDrive\Desktop\BE SEM 4\05_ OBJECT ORRIENTED PROGRAMMING -1\220133107008>java Practical10  
Enter 10 numbers :  
6  
4  
1  
8  
2  
5  
3  
9  
7  
10  
Reverse order are :  
10  
7  
9  
3  
5  
2  
8  
1  
4  
6
```