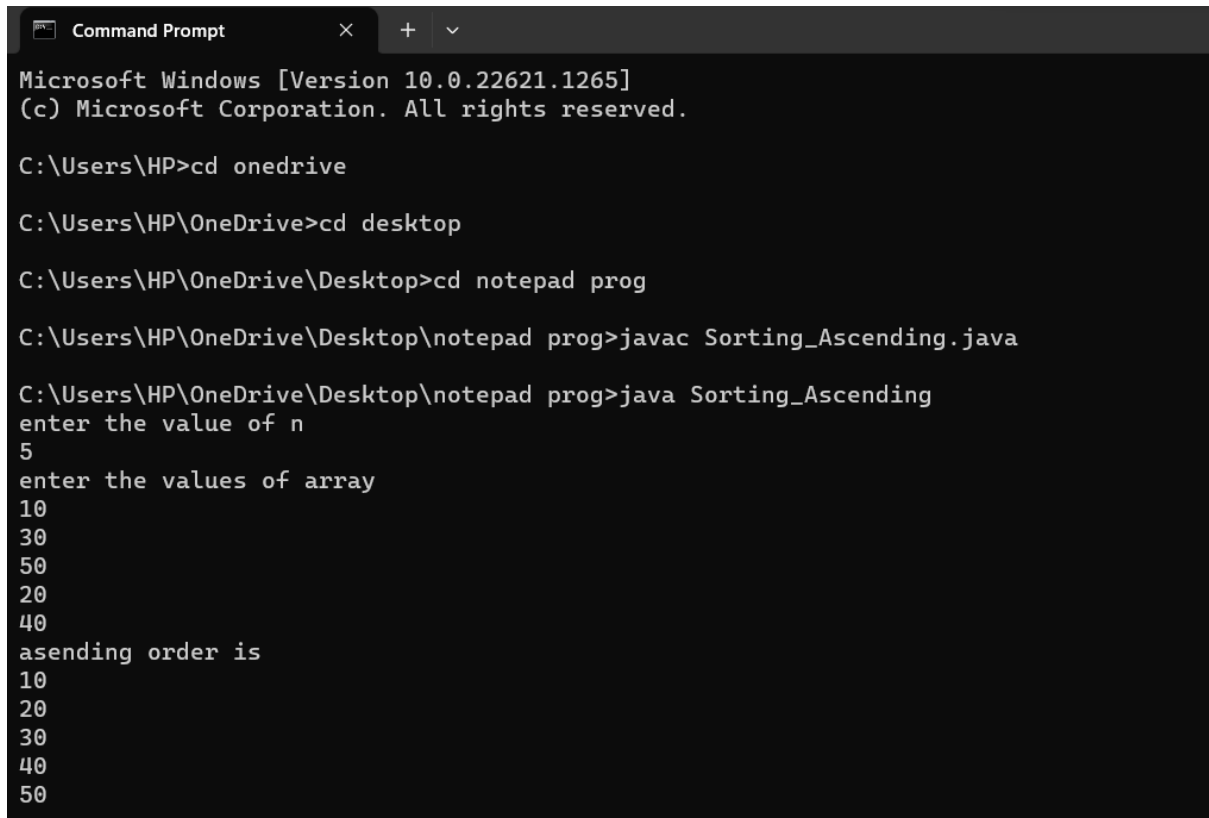


Q.8>> B) Write a java programme to arrange a set of ints in ascending order.

```
/*sorting*/  
/*asending*/  
import java.util.*;  
public class Sorting_Ascending  
{  
    public static void main(String args[])  
    {  
        int n,i,j,temp;  
        System.out.println("enter the value of n");  
        Scanner sc=new Scanner(System.in);  
        n=sc.nextInt();  
        int a[]=new int[n];  
        System.out.println("enter the values of array");  
        for(i=0;i<n;i++)  
        {  
            a[i]=sc.nextInt();  
        }  
        for(i=0;i<n;i++)  
        {  
            for(j=i+1;j<n;j++)  
            {  
                if(a[i]>a[j])  
                {  
                    temp=a[i];  
                    a[i]=a[j];  
                    a[j]=temp;  
                }  
            }  
        }  
    }  
}
```

```
}  
  
System.out.println("asending order is");  
  
for(i=0;i<n;i++)  
{  
    System.out.println(a[i]);  
}  
  
}  
  
}
```



The screenshot shows a Windows Command Prompt window with the following text:

```
Microsoft Windows [Version 10.0.22621.1265]  
(c) Microsoft Corporation. All rights reserved.  
  
C:\Users\HP>cd onedrive  
  
C:\Users\HP\OneDrive>cd desktop  
  
C:\Users\HP\OneDrive\Desktop>cd notepad prog  
  
C:\Users\HP\OneDrive\Desktop\notepad prog>javac Sorting_Ascending.java  
  
C:\Users\HP\OneDrive\Desktop\notepad prog>java Sorting_Ascending  
enter the value of n  
5  
enter the values of array  
10  
30  
50  
20  
40  
asending order is  
10  
20  
30  
40  
50
```