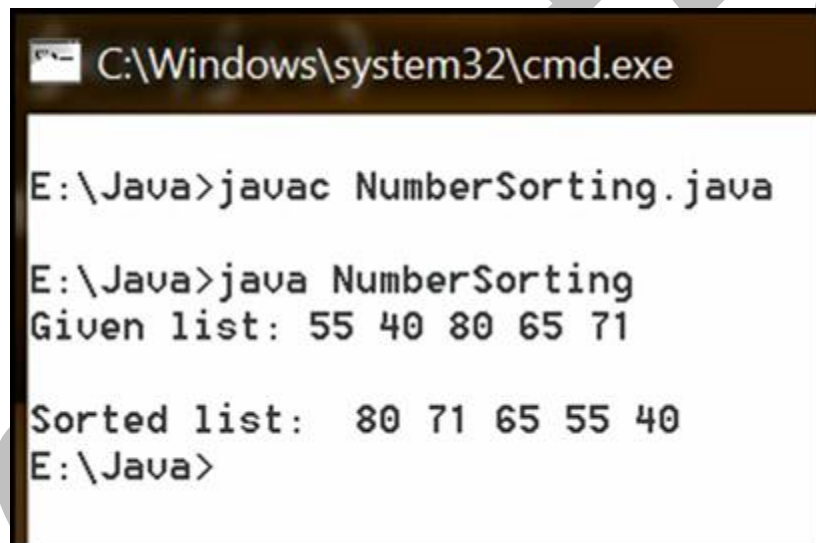


## Sorting a list of numbers (Array)

```
class NumberSorting
{
    public static void main(String args[])
    {
        int number[]={55,40,80,65,71};
        int n=number.length;
        System.out.print("Given list:");
        for(int i=0;i<n;i++)
        {
            System.out.print(" "+number[i]);
        }
        System.out.println("\n");
        for(int i=0;i<n;i++)
        {
            for(int j=i+1;j<n;j++)
            {
                if(number[i]<number[j])
                {
                    int temp=number[i];
                    number[i]=number[j];
                    number[j]=temp;
                }
            }
        }
    }
}
```

```
    }  
    System.out.print("Sorted list: ");  
    for(int i=0;i<n;i++)  
    {  
        System.out.print(" "+ number[i]);  
    }  
    System.out.print(" ");  
}  
}
```



```
C:\Windows\system32\cmd.exe  
E:\Java>javac NumberSorting.java  
E:\Java>java NumberSorting  
Given list: 55 40 80 65 71  
Sorted list: 80 71 65 55 40  
E:\Java>
```

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