**//Aim :to sort a given array**

**//Input**

class Sort{

    int number[]={55,65,23,45,66};

    int n=number.length;

    void display(){

        for(int i=0;i<n;i++){

            System.out.println(" "+number[i]);

        }

    }

    //sorting

    void sort(){

        for(int i=0;i<n-1;i++){

            for(int j=1;j<n;j++){

                if(number[j]<number[i]){

                    int temp= number[i];

                    number[i]=number[j];

                    number[j]=number[i];

                }

            }

        }

    }

    public static void main(String[] args) {

        Sort s1=new Sort();

        System.out.println("given list");

        s1.display();

        s1.sort();

        System.out.println("sorted list");

        s1.display();

    }

}

**output**

C:\Users\Nikhil\Desktop\bsc cs\sem 3\java>javac Sort.java

C:\Users\Nikhil\Desktop\bsc cs\sem 3\java>java Sort

given list

55

65

23

45

66

sorted list

23

23

23

23

66