

Java program:-

```
import java.util.Scanner;
public class Exercise1_5{
    public static void main(String[] args) {
        Scanner input = new Scanner(System.in);
        double mark_avg;
        int result;
        int i;
        int s;
        //define size of array
        s = input.nextInt();
        //The array is defined "arr" and inserted marks into it.
        int[] arr = new int[s];
        for(i=0;i<arr.length;i++)
        {
            arr[i]=input.nextInt();
        }
        int temp=0,j;
        for(i=0; i<s;i++)
        {
            for (j=1;j< (s-i); j++)
            {
                if(arr[j-1]>arr[j])
                {
                    temp= arr[j-1];
                    arr[j-1] =arr[j];
                    arr[j]=temp;
                }
            }
        }
        result=arr[s-1];
        temp=0;
        for(i=0;i<arr.length;i++)
        {
            temp +=arr[i];
        }
        mark_avg=temp/s;

        System.out.println(result);
        System.out.print(mark_avg);
    }
}
```