

Program

```
import java.util.*;
public class Main
{
    public static void main(String[] args){
        Scanner s=new Scanner(System.in);
        System.out.println("enter your name");
        String name=s.nextLine();
        System.out.println("enter your roll no:");
        int rollno= s.nextInt();
        System.out.println("enter total no. of subjects:");
        int n= s.nextInt();
        int[] marks= new int[n];
        int total=0;
        double avg;
        System.out.println("enter marks of each subject out of 100:");
        for(int i=0;i<n;i++)
        {
            marks[i]=s.nextInt();
            total=total+marks[i];
        }
        avg=total/n;
        System.out.println("total marks:"+total);
        System.out.println("average marks:"+avg);
    }
}
```

Output

```
enter your name
sanjeev kavara
enter your roll no:
201CS313
Exception in thread "main" java.util.InputMismatchException
        at java.util.Scanner.throwFor(Scanner.java:864)
        at java.util.Scanner.next(Scanner.java:1485)
        at java.util.Scanner.nextInt(Scanner.java:2117)
        at java.util.Scanner.nextInt(Scanner.java:2076)
        at Main.main(Main.java:18)

...
...Program finished with exit code 1
Press ENTER to exit console.
```

Program

```
import java.util.Arrays;

class Main
{
    public static void main(String[] args)
    {
        int[] inp={20,24,33,43,54,65,79,0,82,11};
        int n=inp.length;
        int[]a=new int[(n+1)/2];
        int[]b=new int[n-a.length];

        for(int i=0;i<n;i++)
        {
            if(i<a.length)
                a[i]=inp[i];
            else
                b[i-a.length]=inp[i];
        }
        System.out.println(Arrays.toString(a));
        System.out.println(Arrays.toString(b));
    }
}
```

Output

```
[20, 24, 33, 43, 54]
[65, 79, 0, 82, 11]

...Program finished with exit code 0
Press ENTER to exit console.█
```