```java
      6
 7⊖    public static void main(String[] args) {
 8         Scanner sc = new Scanner(System.in);
 9         int n , cunt = 0;
10         double avg , sum = 0.0 ;
11         char cr = 'y';
12         while(cr == 'y') {
13         System.out.printf("Enter n : ");
14         n = sc.nextInt();
15
16         int[] array = new int [n];
17         System.out.printf("Enter %d numbers : ",n );
18         for(int i = 0 ; i < n ; i++){
19             array[i] = sc.nextInt();
20             sum = sum + array[i];
21         }
22         avg = sum/n;
23         System.out.printf("Mean : %.2f \n",avg);
24
25         int [] abovemean = new int[array.length];
26         for(int i = 0; i < array.length ; i++) {
27             if(avg < array[i]) {
28                 abovemean[cunt] = array[i];
29                 cunt = cunt + 1;
30             }
31         }
32         System.out.printf("No. above mean : %d as : ",cunt);
33         for(int i = 0 ; i  < cunt ; i++) {
34             System.out.printf("%d",abovemean[i]);
35         }
```

Console

FindAboveMean [Java Application] D:\T2\eclipse\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_15.0.1.v20201027-0507\j

Enter n : 5
Enter 5 numbers : 5 8 2 7 12
Mean : 6.80
No. above mean : 3 as : 8712Do you want to continue [y/n]:y
Enter n : 7
Enter 7 numbers : 5 8 6 18 20 7 12

```
Enter n : 10
Enter 10 numbers : 9 1 0 20 15 12 11 8 3 2
Mean : 8.10
No. above mean : 5 as : 920151211Do you want to continue
```

```java
public static int Maxthod(int[] arr) {
    int max = 0;
    for(int i = 0 ; i < arr.length ;i++) {
        if(arr[i] > max) {


        }
    }
    return max ;
}
public static int Minthod(int[] arr) {
    int min = 100 ;
    for(int i = 0 ;i < arr.length ; i++) {
        min = arr[i];
    }
return min ;
}
public static void main(String[] args) {
    Scanner sc = new Scanner(System.in);
    final int size = 12 ;
    int max , min;
    int[] n = new int[size];
    String[] month ={" February", "March", "April", "May",
                    "June", "July", "August" ,"September", "October",
                    "November", "December"};


    for(int i = 0; i < n.length; i++) {
        System.out.printf("Please enter temp of %s : ",month[i]);
        n[i] = sc.nextInt();
    }
    int Maxpoint = 0,Minpoint = 0;
    max =  Minthod(n);
    min =  Minthod(n);
    for(int i = 0; i < n.length ; i++) {
```

```java
40        for(int i = 0; i < n.length ; i++) {
41            if(max == n[i]) {
42                Maxpoint = i ;
43            }
44            if(min == n[i]) {
45                Minpoint = i;
46            }
47        }
48        System.out.printf("Maxpoint temp is %d is and %d is a temp of %s \n",max,max,month[Maxpoint]);
49        System.out.printf("Maxpoint temp is %d is and %d is a temp of %s \n",min,min,month[Minpoint]);
50    }
51  }
```

```
Please enter temp of January : 6
Please enter temp of Febuary : 12
Please enter temp of March : 18
Please enter temp of April : 60
Please enter temp of May : 30
Please enter temp of June : 36
Please enter temp of July : 42
Please enter temp of August : 48
Please enter temp of September : 56
Please enter temp of October : 24
Please enter temp of November : 17
Please enter temp of December : 28
Maximum temp is 60 and 60 is a temp of April
Mainimum temp is 6 and 6 is a temp of January
```

```java
 5  public class Array {
 6      public static void array(int[] arr) {
 7          int sum = 0;
 8          System.out.print("Numbers Array : ");
 9          for(int i = 0; i < arr.length; i++) {
10              sum += arr[i];
11              System.out.print(""+arr[i]);
12          }
13          System.out.println();
14          System.out.print("Sum Array : "+arr[0]);
15          for(int i = 1; i < arr.length;i++) {
16              System.out.print("+"+arr[i]);
17          }
18          System.out.print(" = "+sum);
19      }
20      public static int[] mulArray (int[] arr1,int[] arr2){
21          int[] sr = new int[10];
22          int n = arr2.length-1;
23          for(int i = 0; i < arr1.length;i++) {
24              sr[i] = arr1[i]*arr2[n];
25              n-=1;
26          }
27          return sr;
28
29      }
30      public static int[] sc (int a) {
31          Scanner sc = new Scanner(System.in);
32          int[] list = new int[a];
33          System.out.print("Enter 10 numbers : ");
34          for(int i = 0; i < a ; i++) {
35              list[i] = sc.nextInt();
36          }
37          return list;
38      }
```

```
Console ⊠
<terminated> Array [Java Application] D:\T2\eclipse\plugins\
Enter 10 numbers : 7 3 5 6 9 8 11 4 1 6
Enter 10 numbers : 9 8 11 4 1 6 7 3 5 2
Numbers Array : 14151542548444854
Sum Array : 14+15+15+42+54+8+44+44+8+54 = 298
```

```java
11⊖    public static int check(char grade) {
12         int check = 0 ;
13         switch(grade) {
14         case 'A':
15             check = 0;
16             break;
17         case 'B':
18             check = 1;
19             break;
20         case 'C':
21             check = 2;
22             break;
23         case 'D':
24             check = 3;
25             break;
26         default:
27             check = 4;
28         }
29         return check;
30     }
31⊖    public static void main(String[] args) {
32         Scanner sc = new Scanner(System.in);
33         System.out.print("Enter number of student : ");
34         int n = sc.nextInt();
35         char grade = 'x';
36         int check = 0;
37         int[] keep = {0,0,0,0,0};
38         for(int i = 0; i < n ;i++) {
39             System.out.print("Enter grade of student  "+(i+1)+" : ");
40             grade = sc.next().charAt(0);
41             check = check(grade);
42             keep[check]+=1;
43         }
```

```java
        }
31⊖    public static void main(String[] args) {
32         Scanner sc = new Scanner(System.in);
33         System.out.print("Enter number of student : ");
34         int n = sc.nextInt();
35         char grade = 'x';
36         int check = 0;
37         int[] keep = {0,0,0,0,0};
38         for(int i = 0; i < n ;i++) {
39             System.out.print("Enter grade of student  "+(i+1)+" : ");
40             grade = sc.next().charAt(0);
41             check = check(grade);
42             keep[check]+=1;
43         }
44         System.out.println("Grade Summary");
45         System.out.print(" A ");
46         Method(keep[0]);
47         System.out.println("");
48         System.out.print(" B ");
49         Method(keep[1]);
50         System.out.println("");
51         System.out.print(" C ");
52         Method(keep[2]);
53         System.out.println("");
54         System.out.print(" D ");
55         Method(keep[3]);
56         System.out.println("");
57         System.out.print(" F ");
58         Method(keep[4]);
59
60     }
61  }
```

```
38              for(int i = 0; i < n ;i++) {
39                  System.out.print("Enter gra
40                  grade = sc.next().charAt(0)
41                  check = check(grade);
42                  keep[check]+=1;
43              }
44              System.out.println("Grade Summa
45              System.out.print(" A ");
```

Console ✕

```
Enter number of student : 5
Enter grade of student  1 : A
Enter grade of student  2 : A
Enter grade of student  3 : B
Enter grade of student  4 : F
Enter grade of student  5 : D
Grade Summary
 A **
 B *
 C
 D *
 F *
```

```
<terminated> CountNoOfGrade [Java Applic
Enter number of student : 3
Enter grade of student 1 : F
Enter grade of student 2 : C
Enter grade of student 3 : C
Grade Summary
 A
 B
 C **
 D
 F *
```

```java
    public static char sr(int n) {
        char sr = 'x';
            if(n >= 80) {
                sr = 'A';
            }else if (n >= 70) {
                sr = 'B';
            }else if (n >= 60) {
                sr = 'C';
            }else if (n >= 50) {
                sr = 'D';
            }else
                sr = 'B';
            return sr ;
        }
    public static void main(String[] args) {
        Scanner sc = new Scanner(System.in);
        int[][] list = new int[5][4];
        int sum = 0;
        for(int i = 0; i < list.length;i++) {
            System.out.print("Input" +(i+1)+" Score : " );
            for(int a = 0; a < list[i].length;a++);{
                list[i][a] = sc.nextInt();
            }
        }
        System.out.print("Display Grade");
        System.out.println();
        System.out.print("No.  LAB (30)  Attend (5)   Mid (30)   Final (35)  Total(100)  Grade");
        System.out.println();
        for(int i = 0;i < list.length;i++) {
            System.out.print(i+1);
            for(int a = 0; a < list.length; i++) {
                System.out.print("        "+list[i][a]);
                sum += list [i][a];
            }
            System.out.print("            "+sum);
            System.out.print("            "+sr(sum));
```

```
Input 1 Score :20 5 10 10
Input 2 Score :25 2 15 15
Input 3 Score :22 4 20 20
Input 4 Score :25 3 20 28
Input 5 Score :28 4 25 30
Display grade
```

No.	LAB(30)	Attend(5)	Mid(30)	Final(35)	Total(100)	Grade
1	20	5	10	10	45	F
2	25	2	15	15	57	D
3	22	4	20	20	66	C
4	25	3	20	28	76	B
5	28	4	25	30	87	A

```java
public class Choice {
    public static void main(String[] args) {
        Scanner sr = new Scanner(System.in);
        int[]key = {4,2,4,3,3,4,1,5,1,4};
        int[][] list = new int[8][10];
        int score = 0;
        for(int i = 0;i < list.length;i++) {
            System.out.print("Student"+(i+1)+"Answers : ");
            for(int j = 0; j < list[i].length;j++);{
                list[i][j] = sr.nextInt();
            }
        System.out.println("Result : ");
        for(int i = 0;i < list.length;i++) {
            System.out.print("Student"+(i+1)+"Answers : ");
                for(int j = 0; j < list[i].length;j++);{
                    if(list[i][j] == key[j]) {
                        score +=1;
                    }
                }
            System.out.print(score);
            score = 0;
            System.out.println();
    }
}
```

```
<terminated> Choice [Java Application] C:\Users\Jr\.p2\pool\plugir
Student 1 Answers : 1 2 1 3 3 4 5 5 1 4
Student 2 Answers : 4 2 1 2 3 1 5 5 1 4
Student 3 Answers : 5 4 4 1 3 2 5 5 1 4
Student 4 Answers : 3 2 1 5 4 3 5 5 1 4
Student 5 Answers : 1 2 4 3 3 4 5 5 1 4
Student 6 Answers : 2 2 5 3 3 4 5 5 1 4
Student 7 Answers : 2 2 1 3 3 4 5 5 1 4
Student 8 Answers : 5 2 5 3 3 4 5 5 1 4
Result:
Student 1 score : 7
Student 2 score : 6
Student 3 score : 5
Student 4 score : 4
Student 5 score : 8
Student 6 score : 7
Student 7 score : 7
Student 8 score : 7
```