

```

1  #define STUDENTSCOUNT 5
2  #include<stdio.h>
3  int main(){
4  float percentages[STUDENTSCOUNT];
5  float percentages1[STUDENTSCOUNT];
6  percentages1 = percentages;
7
8  printf("size: %d\n",sizeof(percentages));
9  int count=0;
10 for(int i=0;i<STUDENTSCOUNT;i++){
11     printf("Roll no: %d what is your percentage? ",i+1);
12     scanf("%f",&percentages[i]);
13 }
14
15 for(int i=0;i<STUDENTSCOUNT;i++){
16     for(int j=i+1;j<STUDENTSCOUNT;j++){
17         if(percentages[i]>percentages[j]){
18             float temp = percentages[i];
19             percentages[i]=percentages[j];
20             percentages[j]=temp;
21         }
22     }
23 }
24 for(int i=0;i<STUDENTSCOUNT;i++){
25     printf("%f\t",percentages[i]);
26 }
27 float loweset = percentages[0];
28 float highest = percentages[0];
29
30 for(int i=1;i<STUDENTSCOUNT;i++){
31     if(percentages[i]<loweset){
32         loweset=percentages[i];
33     }
34     if(percentages[i]>highest){
35         highest=percentages[i];
36     }
37 }
38 printf("Highest percentage is: %f\n",highest);
39 printf("Lowest percentage is: %f\n",loweset);
40
41
42 float sumOfPercentages=0;
43 for(int j=0;j<STUDENTSCOUNT;j++){
44     sumOfPercentages = sumOfPercentages+percentages[j];
45 }
46 printf("Sum: %f\n",sumOfPercentages);
47 printf("Average percentage is: %.2f\n",sumOfPercentages/STUDENTSCOUNT);
48
49 for(int i=0;i<STUDENTSCOUNT;i++){
50     if(percentages[i]<70){
51         printf("Roll no: %d, attend sunday special class\n",i+1);
52     }
53 }
54 return 0;
55 }
56

```