

Q1. write a programme that accept the marks of five subject and find the sum and percentage marks obtained by the student:-

Step - 1

$$a = 98$$

$$b = 89$$

$$c = 87$$

$$d = 86$$

$$e = 80$$

$$f = a + b + c + d + e$$

$$g = f / 500 * 100$$

Step - 2

```
int a = 98;  
int b = 89;  
int c = 87;  
int d = 86;  
int e = 80;  
int f = a+b+c+d+e;  
int g = f/500 * 100;
```

```
2  
3 //STEP 3  
4  
5 #include<stdio.h>  
6  
7 int main()  
8 {  
9     int a = 98;  
10    int b = 89;  
11    int c = 87;  
12    int d = 86;  
13    int e = 80;  
14  
15    int f = a + b + c + d + e;  
16    float g = f / 5.0;  
17  
18    printf ("total marks = %d\n",f);  
19  
20    printf ("percentage = %.2f\n",g);  
21  
22    return 0;  
23 }  
24
```

```
2
3 //STEP 4
4
5 #include<stdio.h>
6
7 int main()
8 {
9     int sibject1 = 98;
10    int subject2 = 89;
11    int subject3 = 87;
12    int subject4 = 86;
13    int subject5 = 80;
14
15    int totalMarks = subject1 + subject2 + subject3 + subject4 + subject5;
16    float marksPercentage = totalMars / 5.0;
17
18    printf ("total marks = %d\n",totalMarks);
19
20    printf ("percentage = %.2f\n",marksPercentage);
21
22    return 0;
23 }
24
```

```
3 //STEP 5
4 #include<stdio.h>
5
6 int main() {
7
8     int sibject1;
9     printf ("enter marks of first subject \n");
10    scanf ("%d",&subject1);
11
12    int subject2;
13    printf ("enter marks of second subject \n");
14    scanf ("%d",&subject2);
15
16    int subject3;
17    printf ("enter marks of third subject \n");
18    scanf ("%d",&subject3);
19
20    int subject4;
21    printf ("enter marks of fourth subject \n");
22    scanf ("%d",&subject4);
23
24    int subject5;
25    printf ("enter marks of fifth subject \n");
26    scanf ("%d",&subject5);
27
28    int totalMarks = subject1 + subject2 + subject3 + subject4 + subject5;
29    float marksPercentage = totalMars / 5.0;
30
31    printf ("total marks = %d\n",totalMarks);
32    printf ("percentage = %.2f\n",marksPercentage);
33
34    return 0;
35 }
```

```
1 //STEP 6
2
3 #include<stdio.h>
4
5 int main()
6 {
7     int sibject1, subject2, subject3, subject4, subject5, totalMarks;
8     float marksPercentage;
9
10    printf ("enter marks of first subject \n");
11    scanf ("%d",&subject1);
12
13    printf ("enter marks of second subject \n");
14    scanf ("%d",&subject2);
15
16    printf ("enter marks of third subject \n");
17    scanf ("%d",&subject3);
18
19    printf ("enter marks of fourth subject \n");
20    scanf ("%d",&subject4);
21
22    printf ("enter marks of fifth subject \n");
23    scanf ("%d",&subject5);
24
25    totalMarks = subject1 + subject2 + subject3 + subject4 + subject5;
26    marksPercentage = totalMars / 5.0;
27
28    printf ("total marks = %d\n",totalMarks);
29
30    printf ("percentage = %.2f\n",marksPercentage);
31
32    return 0;
33 }
```