

```
#include <stdio.h>

int main() {
    float subject1, subject2, subject3, subject4, subject5;
    float total_marks;
    float percentage;

    // marks for five subjects
    printf("Enter marks for Subject 1: ");
    scanf("%f", &subject1);

    printf("Enter marks for Subject 2: ");
    scanf("%f", &subject2);

    printf("Enter marks for Subject 3: ");
    scanf("%f", &subject3);

    printf("Enter marks for Subject 4: ");
    scanf("%f", &subject4);

    printf("Enter marks for Subject 5: ");
    scanf("%f", &subject5);

    // Calculate total marks
    total_marks = subject1 + subject2 + subject3 + subject4 + subject5;

    // Calculate percentage
    percentage = (total_marks / 500.0) * 100;

    // the results
    printf("\nTotal Marks: %.2f\n", total_marks);
    printf("Percentage: %.2f%%\n", percentage);

    return 0;
}
```

main.c



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Output

Clear

```
1 #include <stdio.h>
2
3 int main() {
4     float subject1, subject2, subject3, subject4, subject5;
5     float total_marks;
6     float percentage;
7
8     // marks for five subjects
9     printf("Enter marks for Subject 1: ");
10    scanf("%f", &subject1);
11
12    printf("Enter marks for Subject 2: ");
13    scanf("%f", &subject2);
14
15    printf("Enter marks for Subject 3: ");
16    scanf("%f", &subject3);
17
18    printf("Enter marks for Subject 4: ");
19    scanf("%f", &subject4);
20
21    printf("Enter marks for Subject 5: ");
22    scanf("%f", &subject5);
23
24    // Calculate total marks
25    total_marks = subject1 + subject2 + subject3 + subject4 + subject5;
26
27    // Calculate percentage
28    percentage = (total_marks / 500.0) * 100;
29
30    // the results
31    printf("\nTotal Marks: %.2f\n", total_marks);
32    printf("Percentage: %.2f%%\n", percentage);
```

```
Enter marks for Subject 1: 80
Enter marks for Subject 2: 60
Enter marks for Subject 3: 70
Enter marks for Subject 4: 90
Enter marks for Subject 5: 100
```

Total Marks: 400.00

Percentage: 80.00%

== Code Execution Successful ==