

C programming30

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1 example 30:Calculate total, average of marks of three subjects.

```
int main() {
    int m1, m2, m3, total;
    float avg;

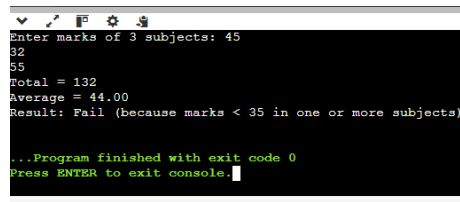
    printf("Enter marks of 3 subjects: ");
    scanf("%d %d %d", &m1, &m2, &m3);

    total = m1 + m2 + m3;
    avg = total / 3.0;

    printf("Total = %d\n", total);
    printf("Average = %.2f\n", avg);

    if (m1 < 35 || m2 < 35 || m3 < 35) {
        printf("Result: Fail (because marks < 35 in one or more subjects)\n");
    }
    else {
        if (avg >= 70)
            printf("Result: Distinction\n");
        else if (avg >= 60)
            printf("Result: First Class\n");
        else if (avg >= 50)
            printf("Result: Second Class\n");
        else if (avg >= 35)
            printf("Result: Third Class\n");
        else
            printf("Result: Fail\n");
    }

    return 0;
}
```



```
Enter marks of 3 subjects: 45
32
55
Total = 132
Average = 44.00
Result: Fail (because marks < 35 in one or more subjects)

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

Figure 1: Enter Caption

}