

# C programming15 for loop

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## 1 example 15:Calculate sum and mean of any n values.

```
#include <stdio.h>

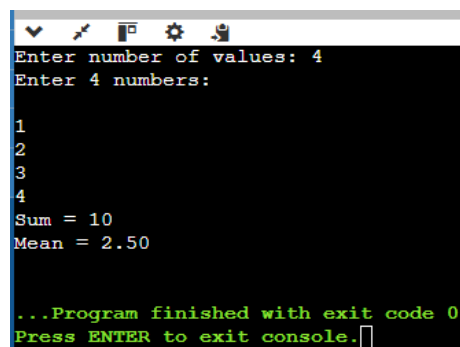
int main() {
    int i, n, num, sum = 0;
    float mean;

    printf("Enter number of values: ");
    scanf("%d", &n);

    printf("Enter %d numbers:\n", n);
    for(i = 1; i <= n; i++) {
        scanf("%d", &num);
        sum += num;
    }

    mean = (float)sum / n;
    printf("Sum = %d\nMean = %.2f\n", sum, mean);

    return 0;
}
```



```
Enter number of values: 4
Enter 4 numbers:

1
2
3
4
Sum = 10
Mean = 2.50

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

Figure 1: Enter Caption