

30. Write a program to find sum of digits of the number using Recursive Function.

```
#include<stdio.h>

int sum(int n){
    if(n == 0){
        return 0;
    }
    else{
        return (n%10) + sum(n/10);
    }
}

int main(){
    int n;
    printf("Enter a number : ");
    scanf("%d", &n);
    printf("Sum of digits : %d", sum(n));
    return 0;
}
```

-----Question 30-----

30. Write a program to find sum of digits of the number using Recursive Function.

-----Answer-----

```
executables/30_sum-digits-recur
/home/s4ms3pi0l/Documents/AssignEase/C_Programs/30_sum-digits-recur.c
```

Compilation successful.

Enter a number : 696969

Sum of digits : 45

Press the Print Screen button (or press 's' to exit)...