

```
#include<stdio.h>

int Digitsum(int num);

int main()
{
    int sum,num;
    printf("Enter the number to find the sum of the given digits");
    scanf("%d",&num);
    sum=Digitsum(num);
    printf("sum of digit =%d",sum);
    return 0;
}

int Digitsum(int num)
{ if(num==0)
    return 0;
    return((num%10)+Digitsum(num/10));
}
```