

```
enter a number:123
sum of digits of 0 is 6enter a number:12
sum of digits of 0 is 3
enter a number:123
sum of digits of number is 6
enter a number:675
sum of digits of number is 18
enter a number:
```

```
#include<stdio.h>
#include<conio.h>
int main()
{
    int num,r,s=0;
    printf("\nenter a number:");
    scanf("%d",&num);
    while(num!=0)
    {
        r=num%10;
        s=s+r;
        num=num/10;
    }
    printf("sum of digits of number is %d",s);
    return 0;
}
```