#include<stdio.h>

int main(){

  int num,sum=0,r;

  printf("Enter a number: ");

  scanf("%d",&num);

  for(;num!=0;num=num/10){

      r=num%10;

      sum=sum+r;

  }

  printf("Sum of digits of number:  %d",sum);

  return 0;

}

Sample output:

Enter a number: 567

Sum of digits of number:  18