#include <stdio.h>

int main() {

int x, sum = 0, m;

printf ("Enter the integer number::\n");

scanf ("%d", &x);

printf ("The sum of %d digits is = ", x);

while (x > 0) {

m = x%10;

sum = sum+m;

x = x/10;

}

printf ("%d\n", sum);

return 0;

}

output:

Enter the integer number::

89

The sum of 89 digits is = 17