1. C program to find sum of digits of 5 digit number.

**Code:**

#include<stdio.h>

int main ()

{

int number, last\_digit, next\_digit, total;

printf ("Enter the number: ");

scanf ("%d", &number);

last\_digit = number%10;

total = last\_digit;

next\_digit = (number/10) % 10;

total = total + next\_digit;

next\_digit = (number/100) % 10;

total = total + next\_digit;

next\_digit = (number/1000) %10;

total = total + next\_digit;

next\_digit = (number/10000) %10;

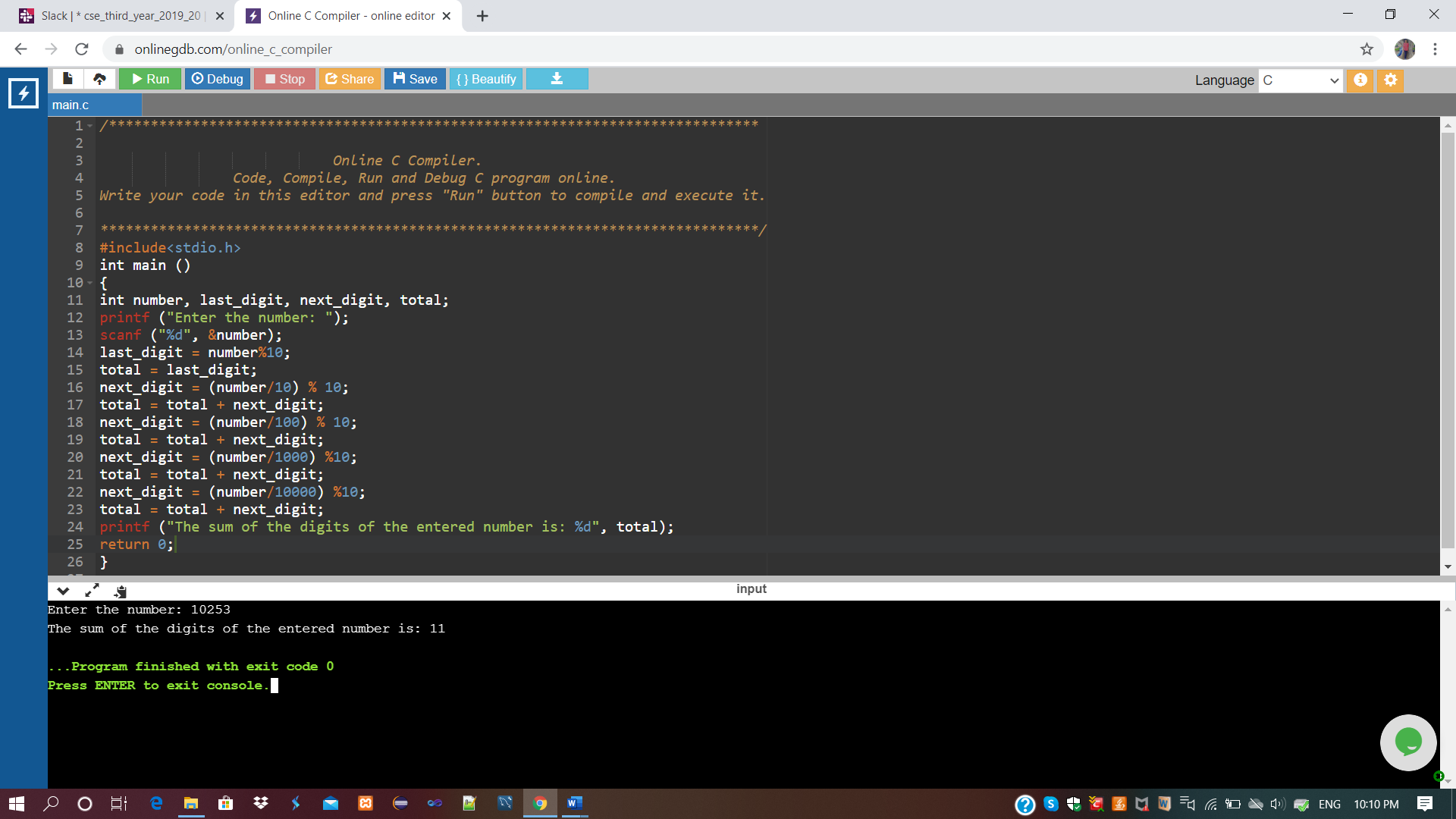
total = total + next\_digit;

printf ("The sum of the digits of the entered number is: %d", total);

return 0;

}

**Output:**

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