Question no : 11.4

Date : 29-11 -2024

Question :  Find the sum of the digits of a given number using recursion (example if the number 145 then the output is 10  ie 1+4+5)

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Semester : 1

Programme : BSC(DA)

#include <stdio.h>

int sumOfDigits(int num)

{

    if (num == 0)

{

        return 0;

    }

    return (num % 10) + sumOfDigits(num / 10);

}

int main()

{

    int num;

    printf("Enter a number: ");

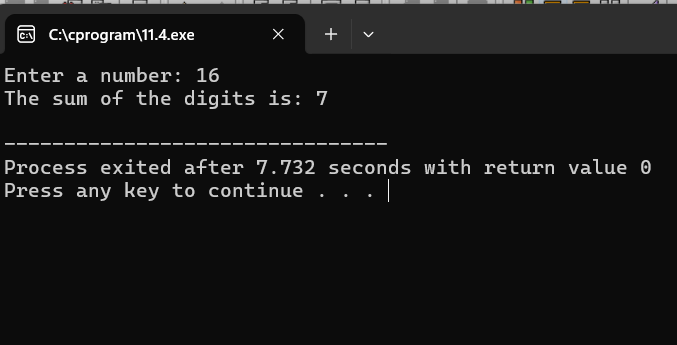
    scanf("%d", &num);

    printf("The sum of the digits is: %d\n", sumOfDigits(num));

    return 0;

}

**OUTPUT**

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