Question no : 10.2

Date : 22-11 -2024

Question : Find the factorial of a given number using function

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Semester : 1

Programme : BSC(DA)

#include <stdio.h>

int factorial(int n)

{

int fact = 1;

int i;

for (i = 1; i <= n; i++)

{

fact \*= i;

}

return fact;

}

int main()

{

int num;

printf("Enter a number: ");

scanf("%d", &num);

if (num < 0)

{

printf("Factorial is not defined for negative numbers.\n");

}

else

{

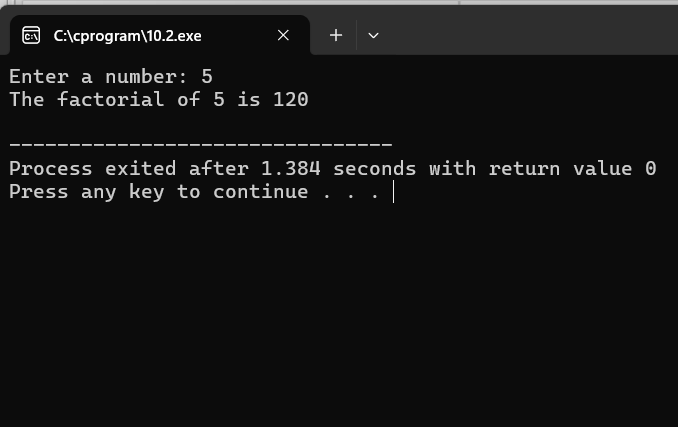
printf("The factorial of %d is %d\n", num, factorial(num));

}

return 0;

}

**Output**

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