**PROGRAM 3**

**#include <stdio.h>**

**#include <stdlib.h>**

**int main()**

**{**

**int n, i;**

**unsigned long long factorial = 1;**

**printf("Enter a number to find factorial: ");**

**scanf("%d",&n);**

**// show error if the user enters a negative integer**

**if (n < 0)**

**printf("Error! Please enter any positive integer number");**

**else**

**{**

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

**{**

**factorial \*= i; // factorial = factorial\*i;**

**}**

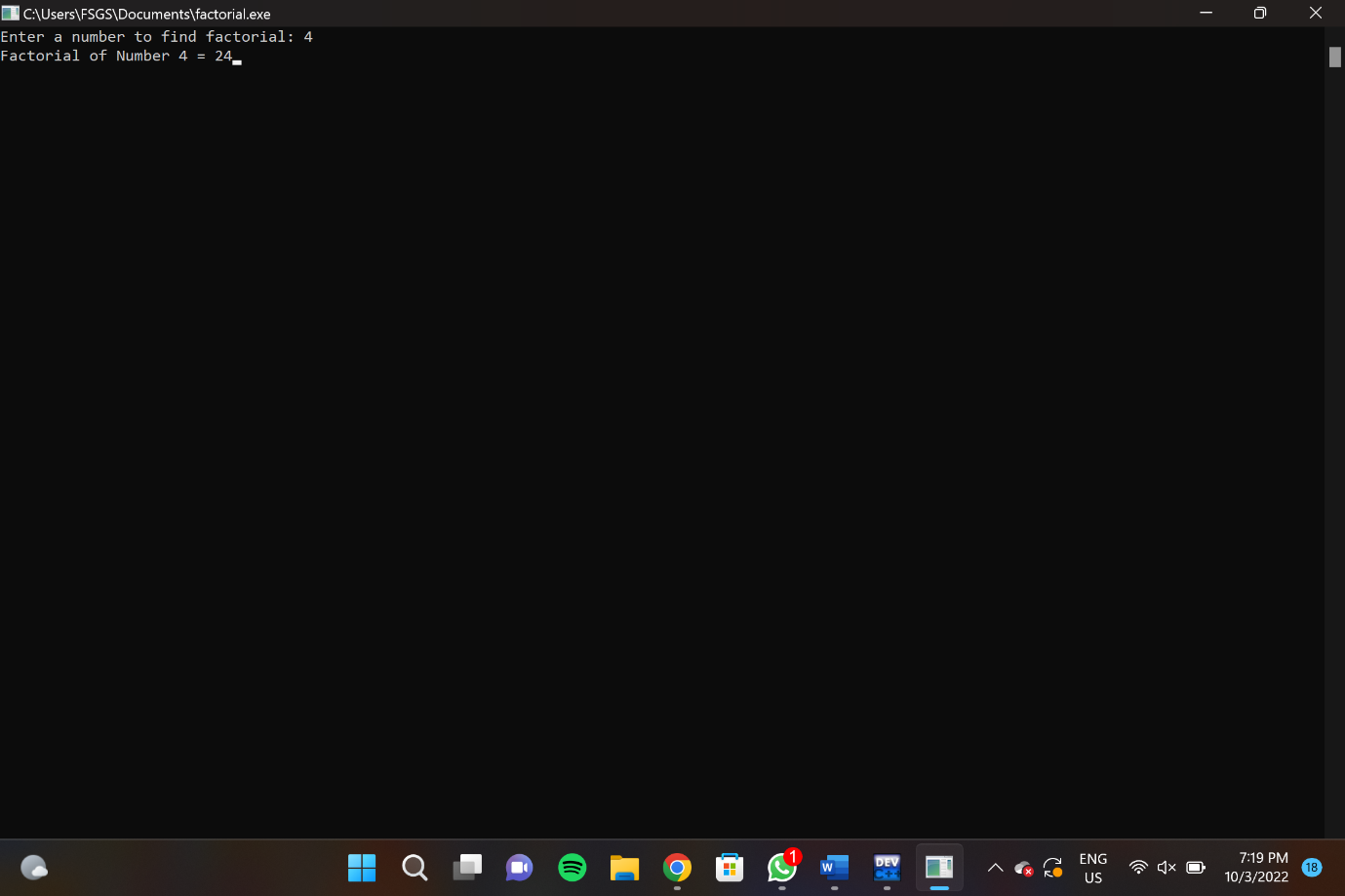
**printf("Factorial of Number %d = %llu", n, factorial);**

**}**

**getch();**

**}**

**OUTPUT:**

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