

Write a C program to find Factorial of a given number using Recursion

```
#include<stdio.h>

long int multiplyNumbers(int n);

int main() {
    int n;

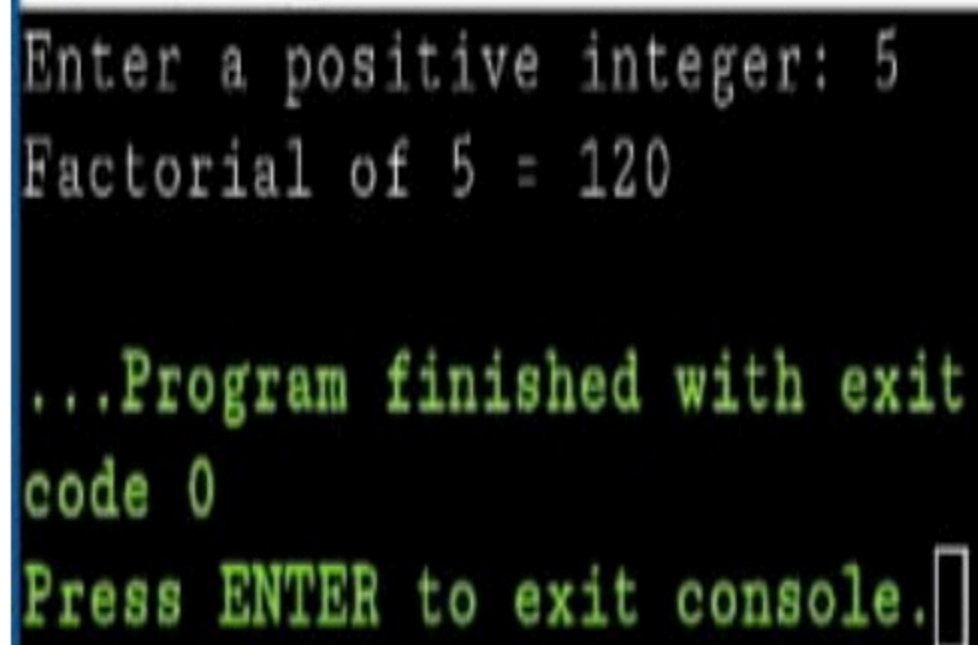
    printf("Enter a positive integer: ");

    scanf("%d",&n);

    printf("Factorial of %d = %ld", n, multiplyNumbers(n));

    return 0;
}

long int multiplyNumbers(int n) {
    if (n>=1)
        return n*multiplyNumbers(n-1);
    else
        return 1;
}
```



```
Enter a positive integer: 5
Factorial of 5 = 120

...Program finished with exit
code 0
Press ENTER to exit console.[]
```