

```
int calcFactorial(int n);
int input = 0, answer = 0;

int main()
{
    int n = 0;
    printf("Enter number:\n");
    scanf("%d", &input);
    answer = calcFactorial(input);
    printf("The factorial of %d is %d.\n", input, answer);

    return 0;
}

int calcFactorial(int n){
    int factorial = 0;
    if (n==0){
        factorial = 1;
    }
    else{
        factorial = n * calcFactorial(n-1);
        printf("",factorial);
    }
    return factorial;
}
```

Enter number:

4

The factorial of 4 is 24.

Process returned 0 (0x0) execution time : 1.625 s

Press any key to continue.

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