



main.c



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Run

Output

```
1 #include <stdio.h>
2
3 int factorial(int n) {
4     if(n == 0 || n == 1)
5         return 1;
6     else
7         return n * factorial(n - 1);
8 }
9
10 int main() {
11     int num;
12
13     printf("Enter a number: ");
14     scanf("%d", &num);
15
16     printf("Factorial = %d", factorial(num));
17
18     return 0;
19 }
```

Enter a number: 10
Factorial = 3628800

=== Code Execution Successful ===

July						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

```

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int factorial(int n) {
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    else
        return n * factorial(n-1);
}

int main() {
    int num;
    printf("Enter a number:");
    scanf("%d", &num);
    printf("factorial = %d", factorial(num));
    return 0;
}

```

output: Enter a number: 10
Factorial = 3628800