



main.c

```
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 }
```



Share

Run

Output

Enter a number: 10
Factorial = 3628800

==== Code Execution Successful ===

2018

June 2018

Wednesday

27

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				

2) #include <stdio.h>
int factorial(int n);
if (n == 0 || n == 1)
return 1;
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

Thursday

28