main.c

```c
1   #include <stdio.h>
2
3   int fact(int n) {
4       if (n == 0 || n == 1)
5           return 1;
6       else
7           return n*fact(n-1);
8   }
9
10  int main() {
11      int n, result;
12
13      printf("Enter number: ");
14      scanf("%d", &n);
15
16      result = fact(n);
17
18      printf("Factorial = %d",result);
19
20      return 0;
21  }
22
```

Output

```
Enter number: 6
Factorial = 720

=== Code Execution Successful ===
```