

The screenshot shows a code editor interface with a central workspace containing a C program named `main.c`. The code defines a recursive function `factorial` and a `main` function that prompts the user for a number and prints its factorial. The output panel shows the execution results: entering 6 and receiving 720 as output, followed by a success message.

```
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\n", factorial(num));
17
18     return 0;
19 }
```

Output

Enter a number: 6  
Factorial = 720  
== Code Execution Successful ==