

```
1  #include <iostream>
2  using namespace std;
3
4  int main() {
5      int n;
6      long factorial = 1.0;
7
8      cout << "Enter a positive
          integer: ";
9      cin >> n;
10
11     if (n < 0)
12     {
13         cout << "Error! Factorial
                of a negative number
                doesn't exist.";
14     }
15     else {
16         for(int i = 1; i <= n; ++i)
17         {
18             factorial *= i;
19         }
20         cout << "Factorial of " <<
                n << " = " << factorial
                ;
21     }
22     return 0;
23 }
```

Run