

main.c



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Run

Output

```
1 //DAY 15
2 //Q29
3 #include <stdio.h>
4
5 int main() {
6     int n, i;
7     int factorial = 1;
8
9     printf("Enter a number: ");
10    scanf("%d", &n);
11
12    if (n < 0) {
13        printf("Factorial is not defined for negative numbers.\n");
14    } else {
15        for (i = 1; i <= n; i++) {
16            factorial *= i;
17        }
18        printf("Factorial of %d = %lld\n", n, factorial);
19    }
20
21    return 0;
22 }
```

Enter a number: 4
Factorial of 4 = 24

=== Code Execution Successful ===

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Output

```
1 //DAY 15
2 //Q30
3 #include <stdio.h>
4
5 int main() {
6     int num, reverse = 0, remainder;
7
8     printf("Enter a number: ");
9     scanf("%d", &num);
10
11     while (num != 0) {
12         remainder = num % 10;
13         reverse = reverse * 10 + remainder;
14         num /= 10;
15     }
16
17     printf("Reversed number = %d\n", reverse);
18
19     return 0;
20 }
```

Enter a number: 235
Reversed number = 532

=== Code Execution Successful ===