

Code

```
#include <stdio.h>

int main() {
    int n, i;

    long long fact = 1;

    scanf("%d", &n);

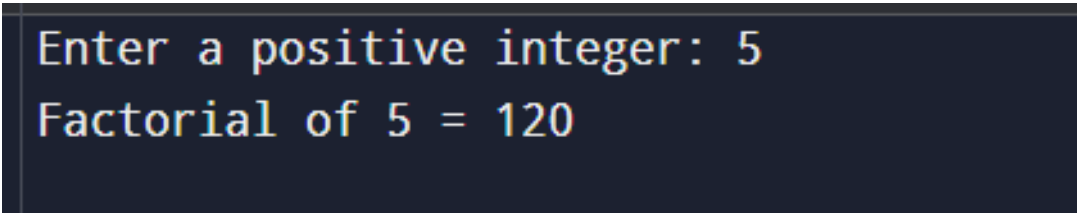
    if(n < 0) {
        printf("Invalid input");
        return 0;
    }

    for(i = 1; i <= n; i++) {
        fact *= i;
    }

    printf("Factorial of %d is %lld", n, fact);

    return 0;
}
```

Output

A screenshot of a terminal window with a dark background. It shows the input '5' for the prompt 'Enter a positive integer:' and the output 'Factorial of 5 = 120'.

```
Enter a positive integer: 5
Factorial of 5 = 120
```