

Problem16: Print factorial of a number.

Code:

```
#include <stdio.h>

int main() {
    int n, i;
    long fact = 1;

    printf("Enter a number: ");
    scanf("%d", &n);

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

    printf("Factorial = %ld\n", fact);

    return 0;
}
```

Output:

N=4

fact: 24