

# C programming10 for loop

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## 1 example 10:Print factorial of a given no. e.g. $5! = 5*4*3*2*1 = 120$ .

```
#include <stdio.h>

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

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

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

    printf("Factorial of %d = %lld\n", n, fact);
    return 0;
}
```

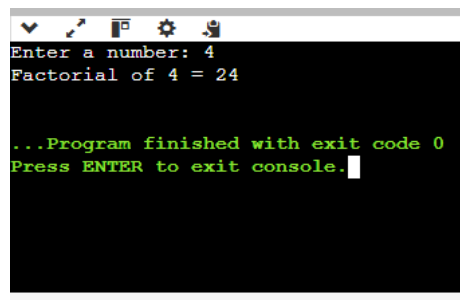


Figure 1: Enter Caption