```c
1: // In this section we will compute the factorial of a given
2: // 4! == 1*2*3*4 == 24
3: #include <stdio.h>
4:
5:
6: int main(){
7:
8:     int number = 4;
9:     int factorial = 1;
10:     int i;
11:
12:     for(i=1; i<=number; i++){
13:         factorial *= i;   ///
14:     }
15:
16:     printf("Factorial of %d : %d", number, factorial);
17:
18:
19:
20:
21:
22: }
```