

```
#include <stdio.h>
```

```
int main() {  
    int num, i;  
    unsigned long long factorial = 1;  
  
    // Input number  
    printf("Enter a number: ");  
    scanf("%d", &num);  
  
    if (num < 0) {  
        printf("Factorial is not defined for negative numbers.\n");  
    } else {  
        for (i = 1; i <= num; i++) {  
            factorial *= i; // Multiply factorial by i  
        }  
        printf("Factorial of %d is %llu\n", num, factorial);  
    }  
  
    return 0;  
}
```