## **Factorial Number**

#include <stdio.h>

#include <string.h>

#include <math.h>

#include <stdlib.h>

int main() {

int n;

long long factorial = 1;

scanf("%d", &n);

if (n < 0) {

printf("Invalid Input\n");

} else {

for (int i = 1; i <= n; i++) {

factorial \*= i;

}

printf("The Factorial of %d is %lld\n", n, factorial);

}

return 0;

}