#include <stdio.h>

// Recursive function to calculate factorial

unsigned long long factorial(int n) {

if (n == 0 || n == 1)

return 1;

else

return n \* factorial(n - 1);

}

int main() {

int num;

printf("Enter a positive integer: ");

scanf("%d", &num);

if (num < 0)

printf("Factorial is not defined for negative numbers.\n");

else

printf("Factorial of %d = %llu\n", num, factorial(num));

return 0;

}