#include <stdio.h>

int main() {

int n;

unsigned long long factorial = 1;

printf("Enter a positive integer: ");

scanf("%d", &n);

if (n < 0) {

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

} else {

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

factorial \*= i;

}

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

}

return 0;

}