#include <stdio.h>

int main() {

int n, i;

unsigned long long fact = 1; // to store large results

printf("Enter a number: ");

scanf("%d", &n);

if (n < 0) {

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

} else {

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

fact \*= i;

}

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

}

return 0;

}

