**Factorial of a given number using Recursion**

#include <stdio.h>

long long factorial(int n) {

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

return 1;

else

return n \* factorial(n - 1);

}

int main() {

int n;

printf("Enter a number: ");

scanf("%d", &n);

if (n < 0) {

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

} else {

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

}

return 0;

}

