int main() {

int n, i;

unsigned long long fact = 1;

printf("Enter an integer: ");

scanf("%d", &n);

if (n < 0)

printf("Error! Factorial of a negative number doesn't exist.");

else {

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

fact \*= i;

}

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

}

return 0;

}

Output:

Enter an integer: 6

Factorial of 6 = 720

--------------------------------

Process exited after 1.623 seconds with return value 0

Press any key to continue . . .