Lab 6 Homework:

The factorial of a nonnegative integer n is written n! (pronounced " n factorial") and is defined as follows:

n!=n . (n-1) . (n-2) . .... . 1 (for values of n greater than or equal to 1) and

n!=1 (for n=0)

for example, 5!=5.4.3.2.1, which is 120

a) Write an application that reads a nonegative integer from the user and computes and print its factorial.

b) Write an application that computes the value of e^x by using the formula

$$e^x = 1+(x/1!)+(x^2/2!)+(x^3/3!)+(x^4/4!)+....$$