Fundamental of Programming (Lab Exam Paper IV)

1. Write a C++ code to ask user for an integer and then print given pattern for number of lines user entered:  
   for example user enters 8, your program should print  
   \*\*\*\*\*\*\*\*\*\*\*\*\*  
    \*\*\*\*\*\*\*\*\*\*\*\*\*  
   \*\*\*\*\*\*\*\*\*\*\*\*\*  
    \*\*\*\*\*\*\*\*\*\*\*\*\*  
   \*\*\*\*\*\*\*\*\*\*\*\*\*  
    \*\*\*\*\*\*\*\*\*\*\*\*\*  
   \*\*\*\*\*\*\*\*\*\*\*\*\*  
    \*\*\*\*\*\*\*\*\*\*\*\*\*
2. Write a C++ code to calculate the factorial of the number entered by user. (Use only for loop)
3. Write a C++ code to draw the following pattern  
    \*  
    \*\*\*  
    \*\*\*\*\*  
    \*\*\*\*\*\*\*  
    \*\*\*\*\*  
    \*\*\*  
    \*