Assignment Day 4

1. Write a program to print the multiplication table of given number

   a. Accept an input from the user and display its multiplication table

      Eg:

      Output: Enter a number

      Input: 5

      Output:

      1 x 5 = 5

      2 x 5 = 10

      3 x 5 = 15

      4 x 5 = 20

      5 x 5 = 25

      6 x 5 = 30

      7 x 5 = 35

      8 x 5 = 40

      9 x 5 = 45

      10 x 5 = 50

2. Write a program to find the sum of all the odd numbers for a given limit

   a. Program should accept an input as limit from the user and display the sum of all the odd numbers within that limit

      For example if the input limit is 10 then the result is 1+3+5+7+9 = 25

      Output: Enter a limit

Input: 10

Output: Sum of odd numbers = 25

3. Write a program to print the following pattern (**hint**: use nested loop)

1

1 2

1 2 3

1 2 3 4

1 2 3 4 5