Question 1: Calculate the square of all even numbers from 1 to a given number

Write a program to print the square of all even numbers from 1 to a given number.

Question 2: Find the factorial of a given number

Write a program to calculate the factorial of a given number. For example, if n = 5, the factorial is 54321 = 120.

Question 3: Use a while loop to display a countdown from a given number

Write a program to display a countdown from a given number to 1 using a while loop. After the countdown reaches 1, display "Done".

Question 4: Write a program to check if a given number is a palindrome

Write a program to determine whether a given number is a palindrome or not. A palindrome number is the same when read forwards and backwards. For example, 121 is a palindrome.

Question 5: Generate a multiplication table up to a given number

Write a program to generate the multiplication table of a given number up to a specified range. For example, if the given number is 5 and the range is 3, the output should be:

1 * 5 = 5

2 * 5 = 10

3 * 5 = 15