Recursion

Recursive Multiplication

Write a recursive function that accepts two arguments into the parameters x and y. The function should return the value of x times y. Remember, multiplication can be performed as repeated addition:

 7 * 4 = 7 + 7 + 7 + 7

Palindrome Detector

Write a `bool` function that uses recursion to determine if a <u>string</u> argument is a palindrome. The function should return true if the argument reads the same forward and backward. Demonstrate the function in a program.

Hint: if **level** is a palindrome, **eve** is a palindrome.