HW #4

General Instructions:

- Homework must be put in a your dropbox folder; if there are multiple parts, create a single folder for the assignment. Make sure you give clear names to your files and folders.

- Remember that you must work on your own without others doing it for you (that includes classmates and tutors).

The Assignment

1. Textbook, section 11 (pages 393 - 394): Do 11.19, 11.20, 11.21.

   Do those exercises *without typing into Python*, and write your answers into some sort of text file (.txt, or word file, etc). Justify your answers!

2. Textbook: Do 11.27, 11.28.

   Write and draw on paper and bring to class.

3. Textbook: Do 11.24

4. A palindrome is a string like "abcdcba" which is the same when read forwards or backwards. Write a recursive function which takes a string as input and returns True if the string is a palindrome and False otherwise.

   Note!- You may not use any string methods except indexing into the string (example: s[4]). You may not convert the string to another datatype like a list.