CSC104 tutorial exercises #9

This last tutorial is focused on understanding and writing recursive functions.

My office hour: Wednesdays 5:10-6, in SF1101 (our classroom).

Your tutorial: Wednesdays 6:10-7:00. Tutorial sections are as follows:

Surname	Tutorial section	Room	ТА
A-C	section 1	BA3175	Omar
D–J	section 2	BA3185	Nahla
K–L	section 3	BA3195	Dhinakaran
M–T	section 4	BA2220	Nick
U–Z	section 5	BA2220	Yashuai

- DCS Help Centre: Monday-Thursday, 4-6 pm in BA2230, see Help Centre page. Khaled, a TA from our course, is in the Centre Monday, Tuesday, and Thursday.
 - 1. If you encounter an unfamiliar command (or one that used to be familiar, but no longer is), try
 - (a) Type the command in DrRacket, hover your cursor on it, and then right-click, in order to see documentation, or
 - (b) Ask another student, or a TA, how it works
 - 2. Download (right click) the racket files koch.rkt and spiral.rkt from course calendar, November 21st. Read over the recursive functions koch and koch-snowflake and experiment with them in DrRacket's interaction pane until you understand them.
 - 3. The definition of spiral is wrong. You should be able to fix it by carefully emulating the check-expect expressions I provided. Once you have spiral working, change the definition of vertical-line by replacing "black" with the (make-color ... expression on the next line. You will need to comment-out the check-expect expressions.
 - The definition of make-palindrome is broken. Fix it by carefully emulating the check-expect expressions I provided.
 - 5. Try to emulate the random color technique from spiral.rkt in the definition of koch. As before, you'll need to disable check-expect expressions when you have random values.