Computer Power

Mrs. Ossorio

Dr. Scheme Drawing - Assignment 1

Definition: **syntax**
1. The study of the rules whereby words or other elements of sentence structure are combined to form grammatical sentences.
2. *Computer Science*. The rules governing the formation of statements in a programming language.

Name: _____

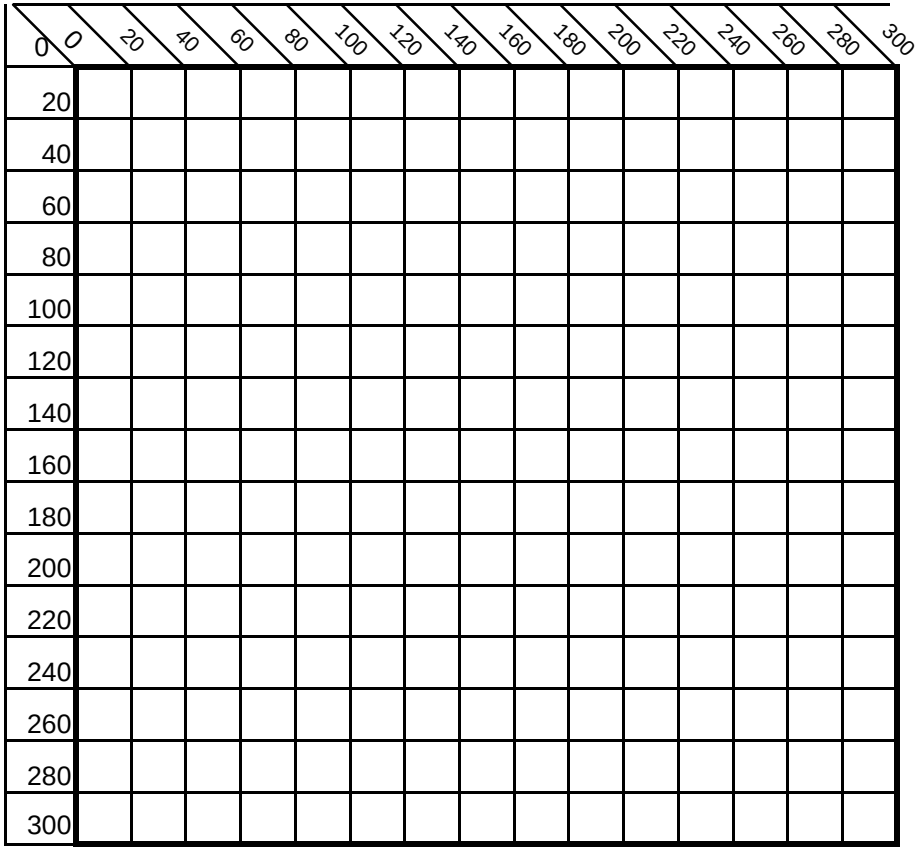
Date: _____
Period: _____

1. On your worksheet, fill in squares on the 300 x 300 grid, as seen below, to create a two tone pattern using white and dark.

2. Write the DrScheme code that will draw your picture. Refer to the NOTE for syntax.

NOTE:
;;draw rectangle
;;first two numbers represent X and Y beginning points of rectangle
;; upper left corner of rectangle

;;third and fourth numbers represent distance in X and Y directions
(draw-solid-rect (make-posn 450 290) 30 90 'green)



<X

(start 300 300)

(draw-solid-rect (make-posn 40 40) 20 20 'black)

Form created by P.Ossorio