

**TASK 1:** Symbolically visualizing the map: Every vector in the map will be initialized with three values corresponding to the RGB values. An empty map should be an n by n grid consisting of -. A filled map should be an n by n grid consisting of RGB vectors. The map will consist of a list of lists.

TASK 1 Demo Outline: "Symbolically visualizing the map"

(setf map '()) ;create an empty list

(create-map 16) ;give the list 16-squared empty list elements

nil

(visualize-map) ;displays the map-list as a grid

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(setf map (init-map)) ;assigns each list in the map-list to have three elements a red, green, and blue value RANDOMLY

(visualize-map) ;displays the map-list as a grid

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[illegible]