

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"

1. Create a method to create an empty list
2. Create a method to make the list into an $N \times N$ grid
3. Create a method to display the grid
4. Create a method to fill the grid cells with random RGB vectors