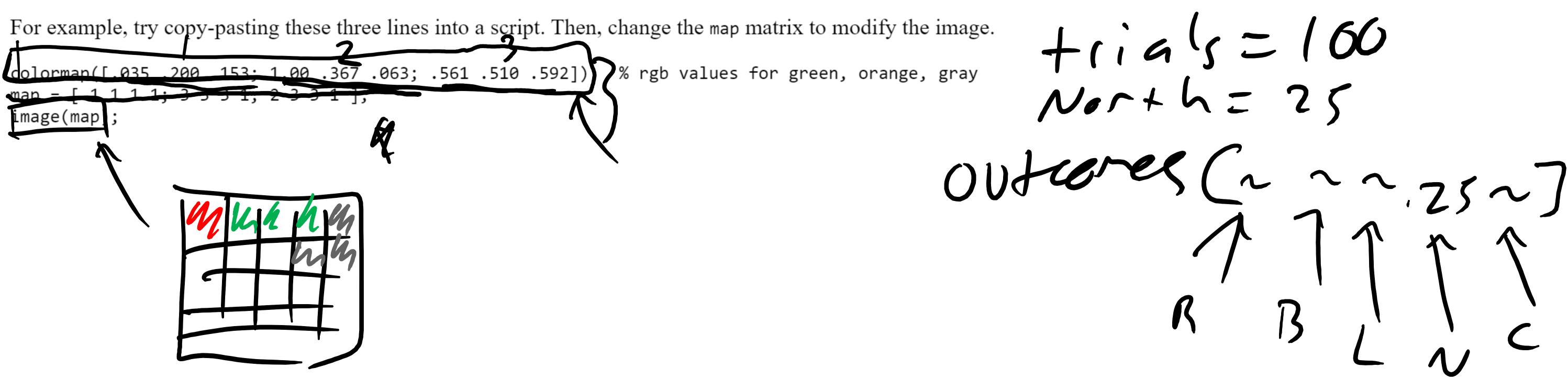


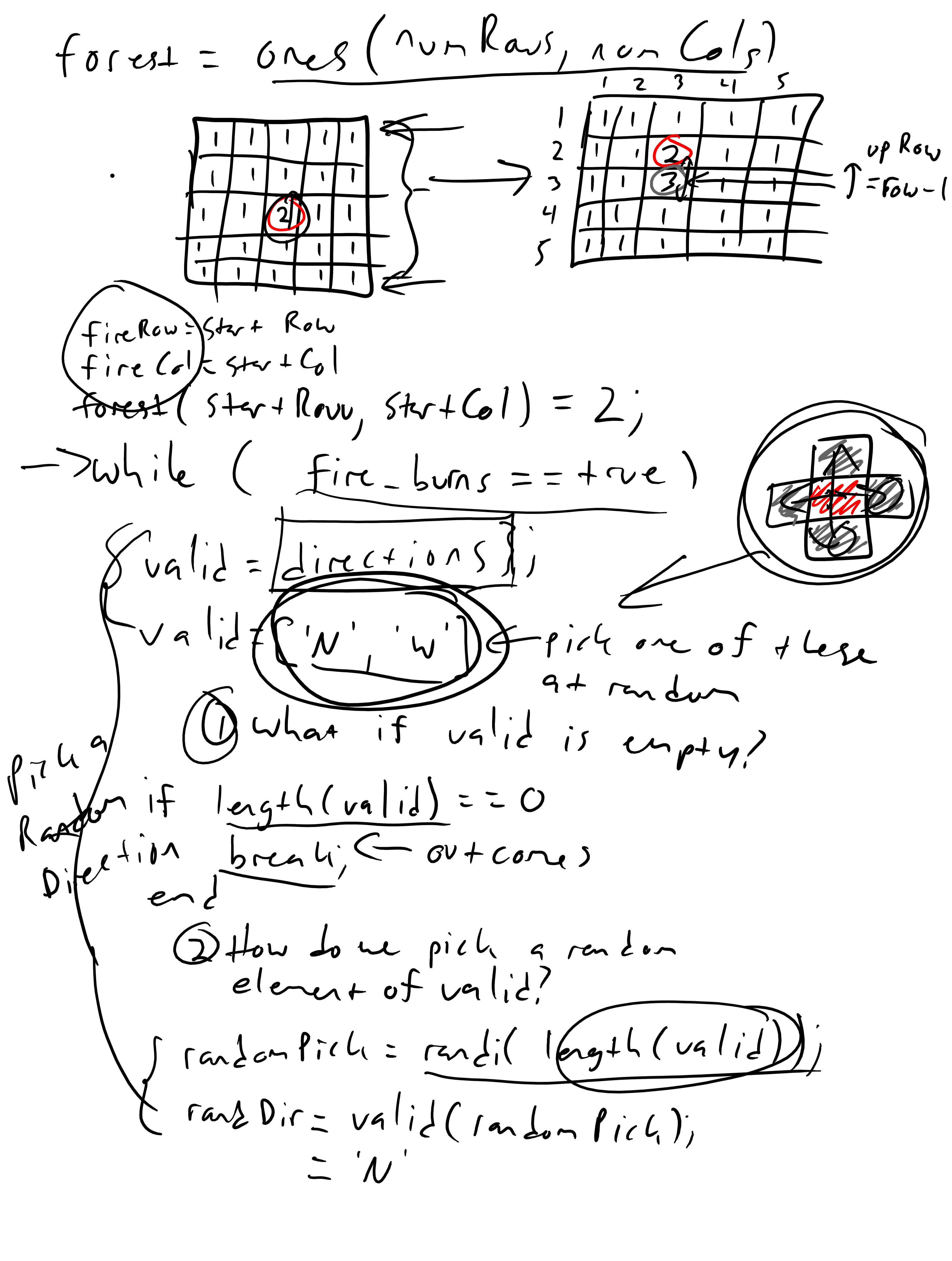
Creating Images in Matlab

Given a matrix of integers, you can plot an image based on the use of those integers as indices into a prescribed colormap. The syntax as image(A) where A is the matrix of numbers.

For our images, we simply use three colors, with color 1 being the forest green, color 2 being the fiery orange, and color 3 being the burnt-out gray. We set that colormap with the following command.

colormap([.035 .200 .153; 1.00 .367 .063; .561 .510 .592]) % rgb values for green, orange, gray





-> forest (fire Row, fire (al) = 3; % burnt

rand Dir ='N' if ralbir == 'N fire Row - Tire Row - 1', else if RD== 'E' fire Col = fire Col + 1; -) forest (fire Row, fire Col) = 2 / fire if #124 | 5 = = | colornap(...) ingu (forest Paus e (0.5); er 2 % while