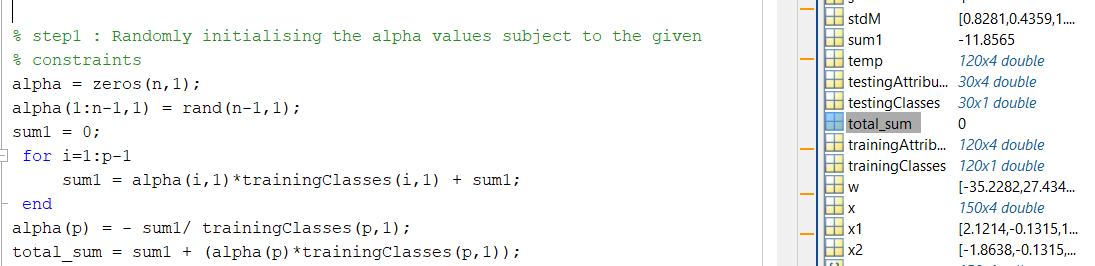
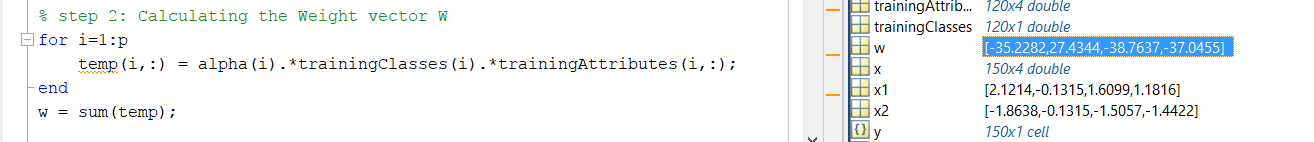
The below screenshots are the outputs for each steps of the code for Assignment 5.

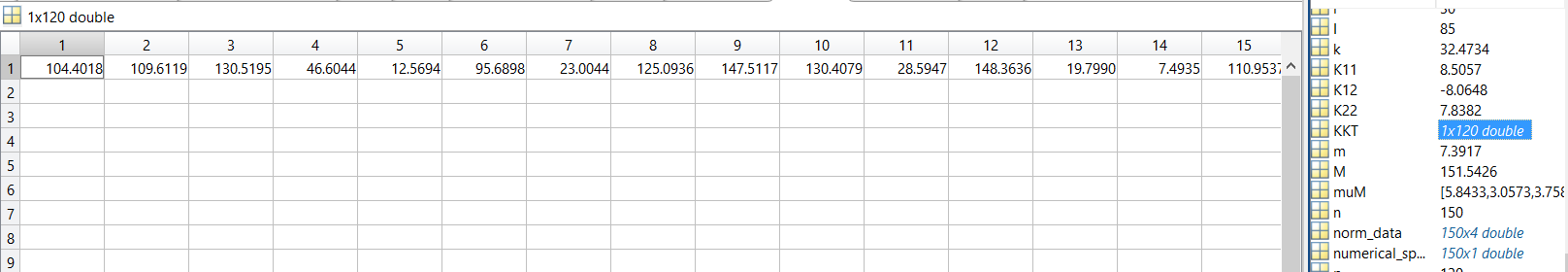
Step 1:



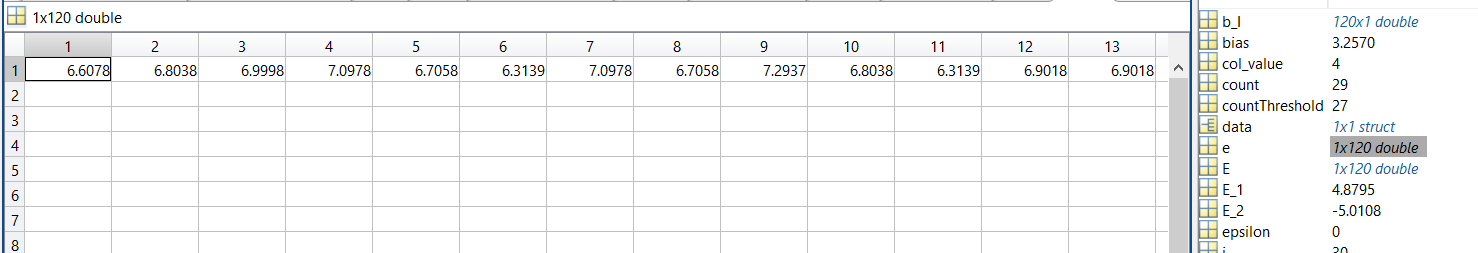
Step 2:



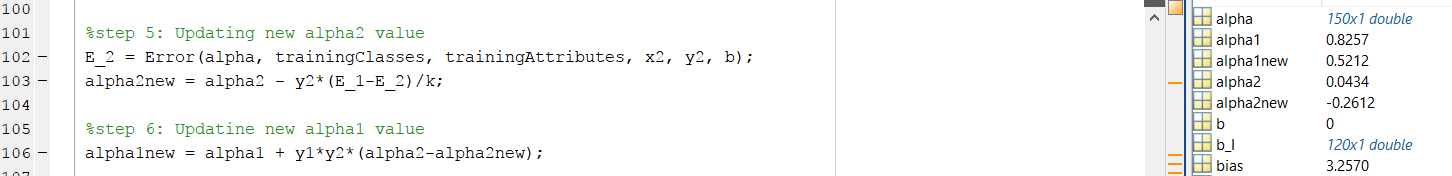
Step 3:



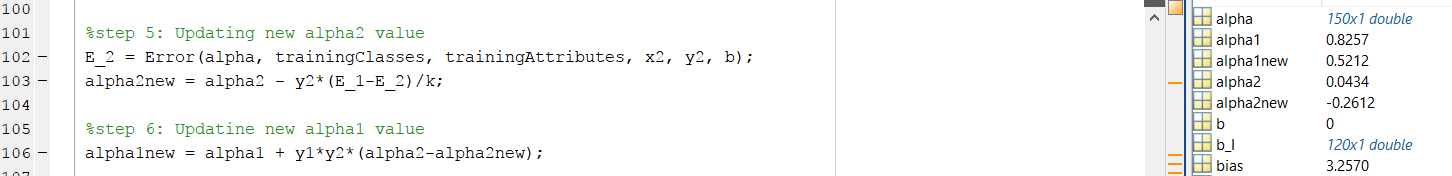
Step 4:



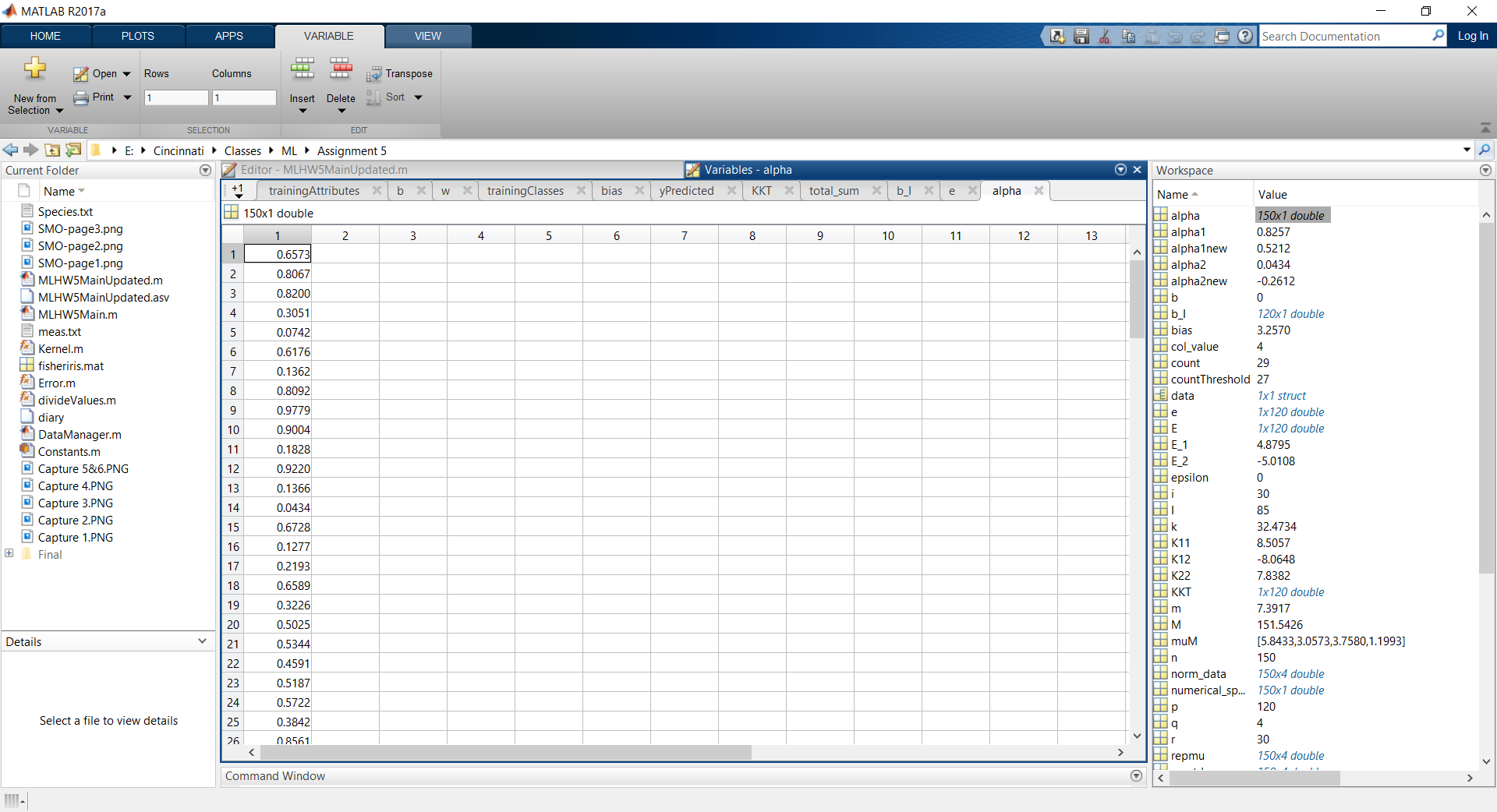
Step 5:



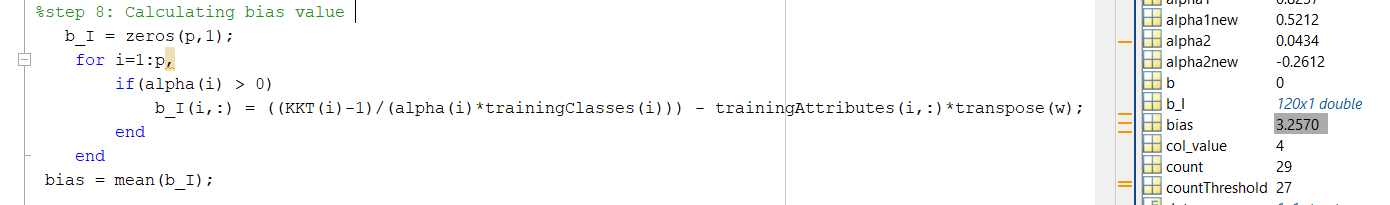
Step 6:



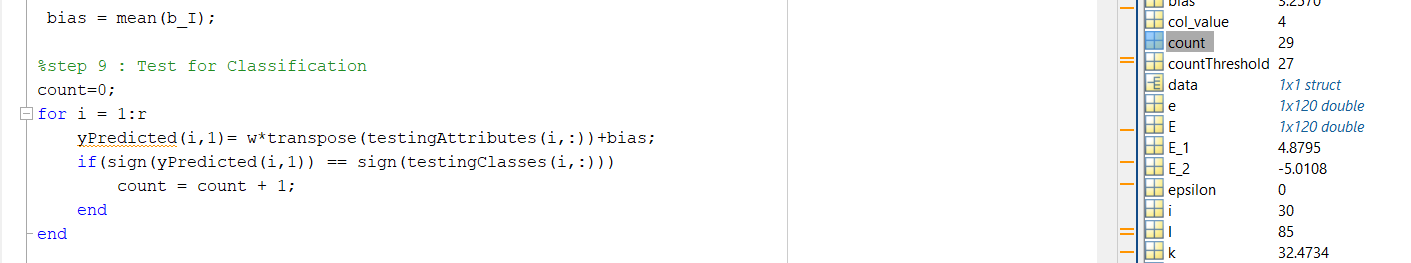
Step 7:



Step 8:



Step 9:



Y-Predicted:

