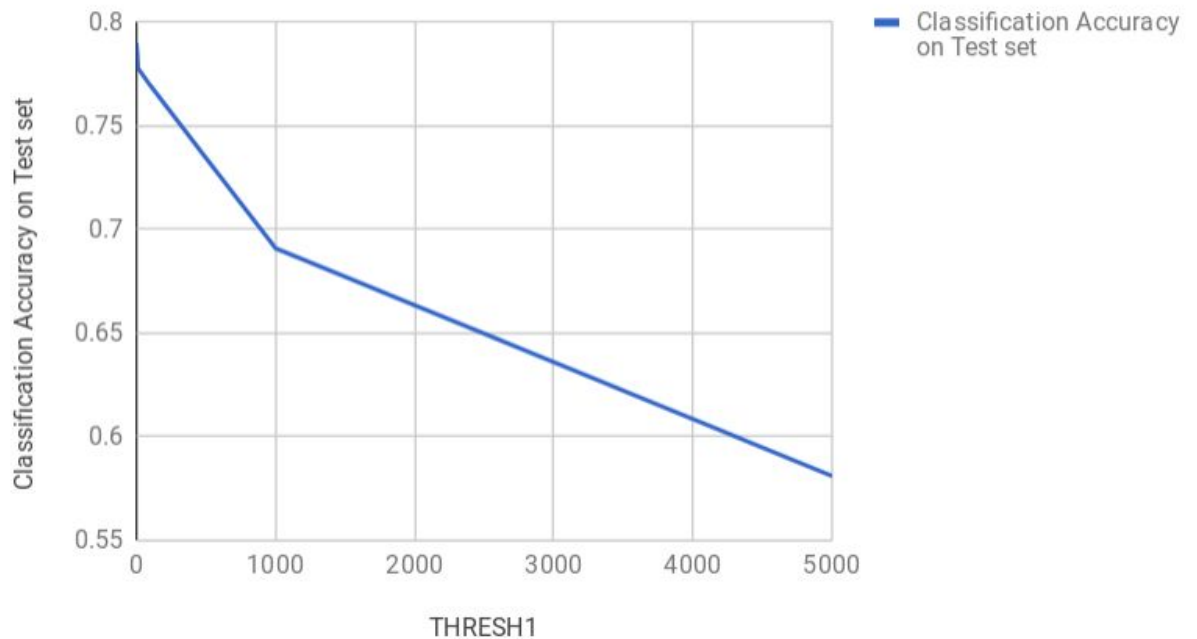**Programming Assignment**
CS-419M
Nihal Singh 150040015

A. With depth set to 6, the test accuracy obtained is 0.77850.

B. With THRESH1

THRESH1	Classification Accuracy on Test set
0	0.79
2	0.787
5	0.7855
10	0.778
100	0.7695
500	0.7345
1000	0.691
5000	0.58099

Classification Accuracy on Test set vs. THRESH1

C. With no limit on depth (depth = -1), the test accuracy obtained is 0.79000