

## EL-GY 6913    CSA    Lab 2

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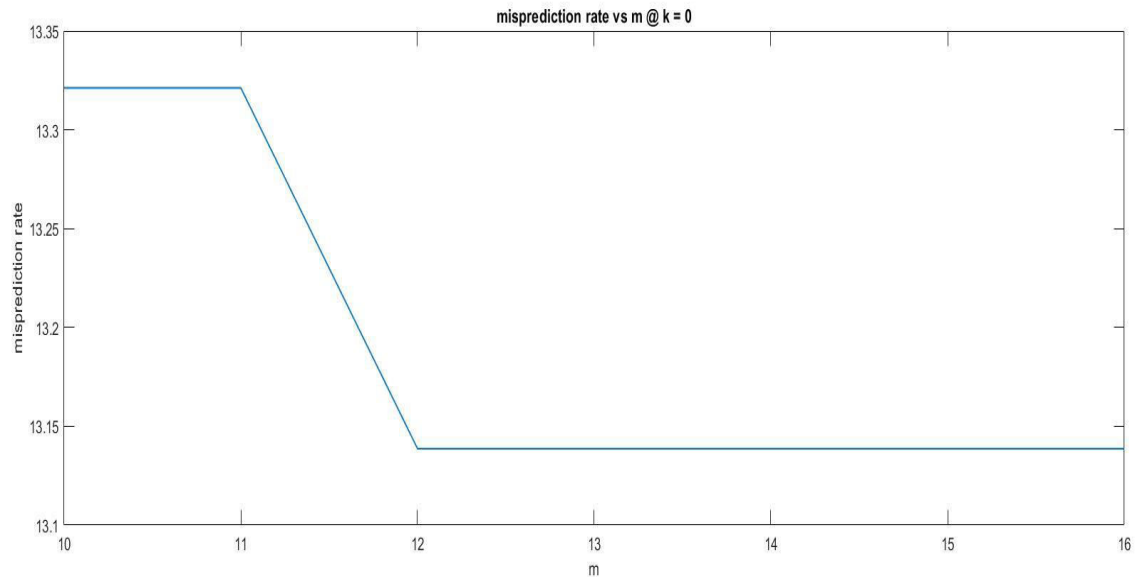
The following code has comments which makes it self explanatory.

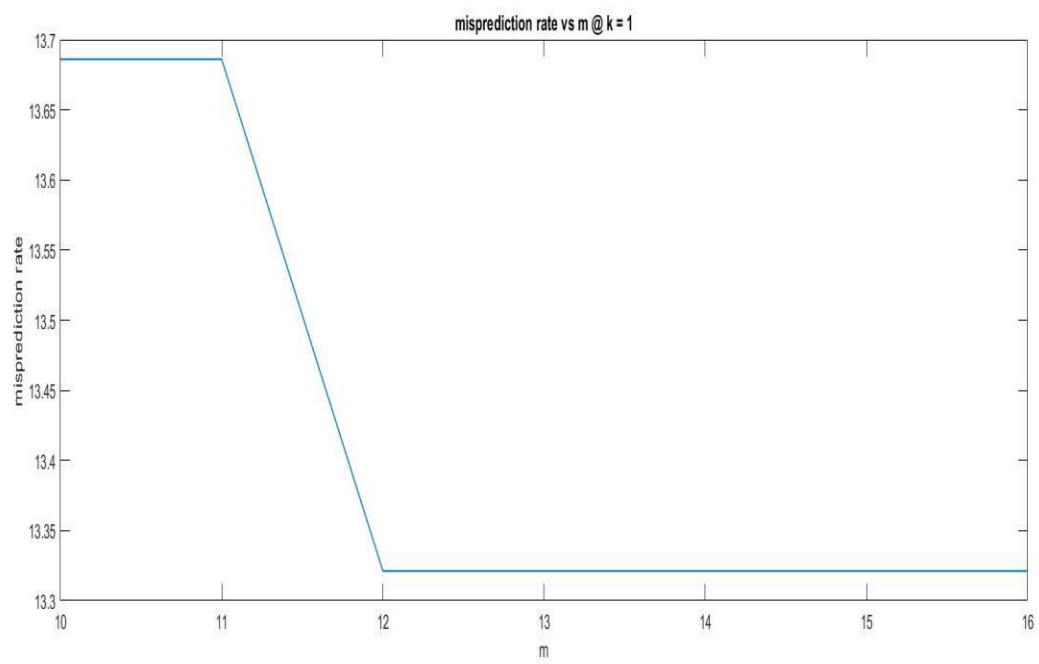
It reads the values of m, k, branch address and Taken/Not taken bit.

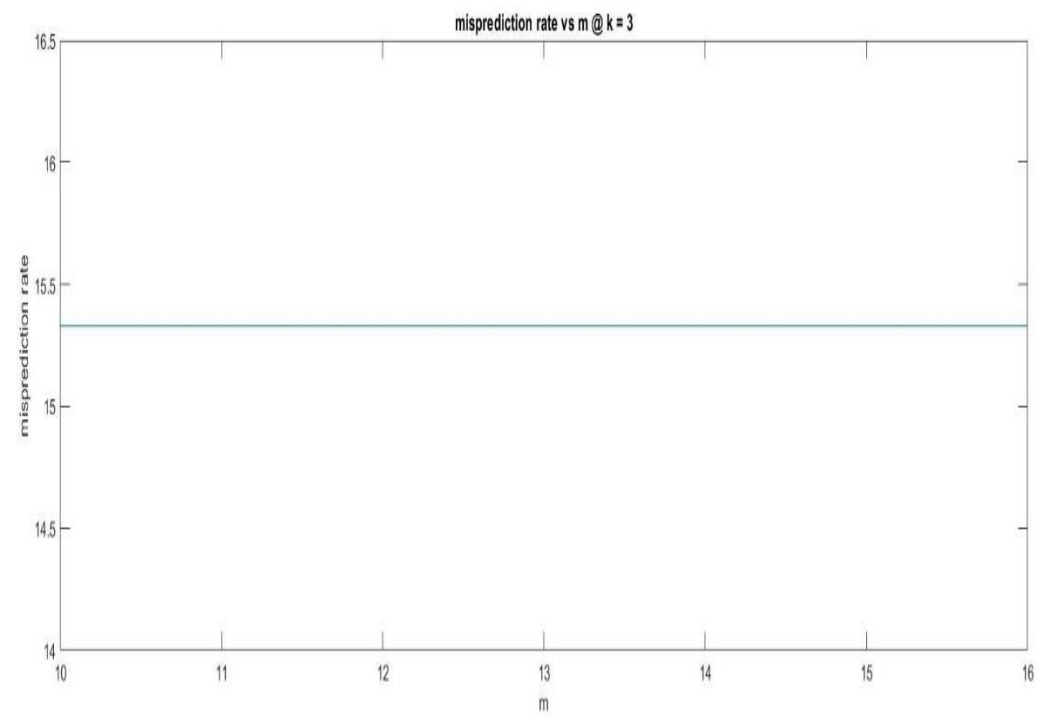
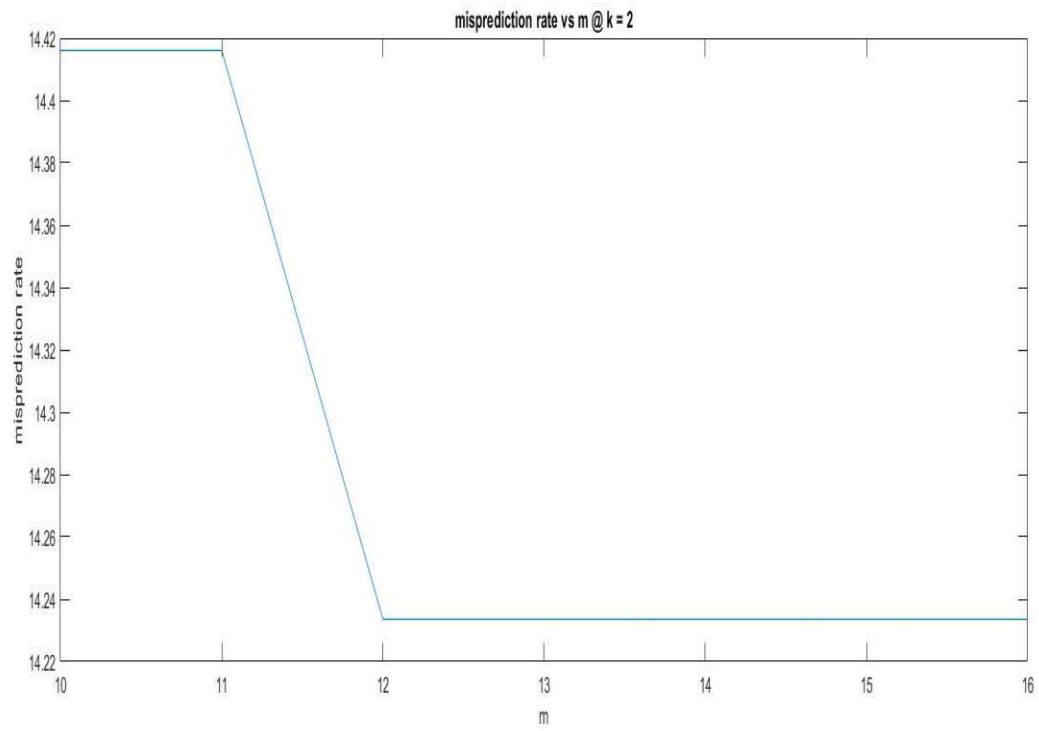
The following is the analysis:

	k = 0	k = 1	k = 2	k=3	k=4
m=10	13.3212	13.6861	14.4161	15.3285	16.6058
m=11	13.3212	13.6861	14.4161	15.3285	16.6058
m=12	13.1387	13.3212	14.2336	15.3285	16.6058
m=13	13.1387	13.3212	14.2336	15.3285	16.6058
m=14	13.3212	13.3212	14.2336	15.3285	16.6058
m=15	13.3212	13.3212	14.2336	15.3285	16.6058
m=16	13.212	13.3212	14.2336	15.3285	16.6058

The following are the graphs:







misprediction rate vs m @ k = 4

