(1.3 Questions)

Question 1)

\*Note: Code for results are at testingStuff.py

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Tennis Data | | Sentiment Data | |
|  | Train | Test | Train | Test |
| AlwaysPredictOne | 0.642857 | 0.5 | 0.504167 | 0.5025 |
| AlwaysPredictMostFrequent | 0.642857 | 0.5 | 0.504167 | 0.5025 |
| FirstFeatureClassifier | 0.714286 | 0.666667 | 0.504167 | 0.5025 |

Question 2)

None, AlwaysPredictMostFrequent and AlwaysPredictOne has same performance for both Datasets

Question 3)

Tennis Data, is where FirstFeatureClassifier outperforms AlwaysPredictOne

Question 4)

The second line computes the training accuracy or average of the values of that are Y > 0 and X > 0;   
 because it gets the average of the points where the labels y are greater than 0 AND prediction of X is   
 greater then 0; then averages