Completion Status:

1. The program is complete
2. The code compiles
3. Write the results in the expected format in the output file
4. Outputs the accuracies of the five folds and the average accuracy as well

Accuracy for plant.wsd:

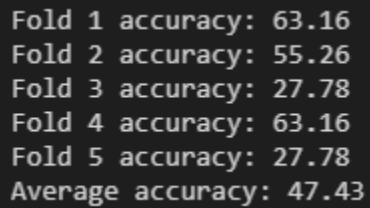Fold 1 accuracy: 63.16

Fold 2 accuracy: 55.26

Fold 3 accuracy: 27.78

Fold 4 accuracy: 63.16

Fold 5 accuracy: 27.78

Average accuracy: 47.43

Screenshot below:

```
Fold 1 accuracy: 63.16
Fold 2 accuracy: 55.26
Fold 3 accuracy: 27.78
Fold 4 accuracy: 63.16
Fold 5 accuracy: 27.78
Average accuracy: 47.43
```

Errors:

1. When finding probabilities of the word given a sense, the sop words were included as well. This might be causing some inaccuracies. To fix this this the stop words should be removed from the bad of words.
2. When performing the Naïve Beyers Classification the word to be predicted is included as well adding to the lower accuracy. It should be removed from the testing set word context.

Accuracy for tank:

```
Fold 1 accuracy: 57.14
```

```
Fold 2 accuracy: 78.57
```

```
Fold 3 accuracy: 18.18
```

```
Fold 4 accuracy: 57.14
```

```
Fold 5 accuracy: 18.18
```

```
Average accuracy: 45.84
```

Accuracy for crane:

```
Fold 1 accuracy: 70.00 Fold 2 accuracy: 75.00 Fold 3 accuracy: 80.00 Fold 4
accuracy: 70.00 Fold 5 accuracy: 80.00 Average accuracy: 75.00
```

```
Accuracy for motion:
```

```
Fold 1 accuracy: 50.00 Fold 2 accuracy: 90.48 Fold 3 accuracy: 72.73 Fold 4
accuracy: 50.00 Fold 5 accuracy: 72.73 Average accuracy: 67.19
```

```
Accuracy for bass:
Fold 1 accuracy: 72.73 Fold 2 accuracy: 90.91 Fold 3 accuracy: 94.74 Fold 4
accuracy: 72.73 Fold 5 accuracy: 94.74 Average accuracy: 85.17
```