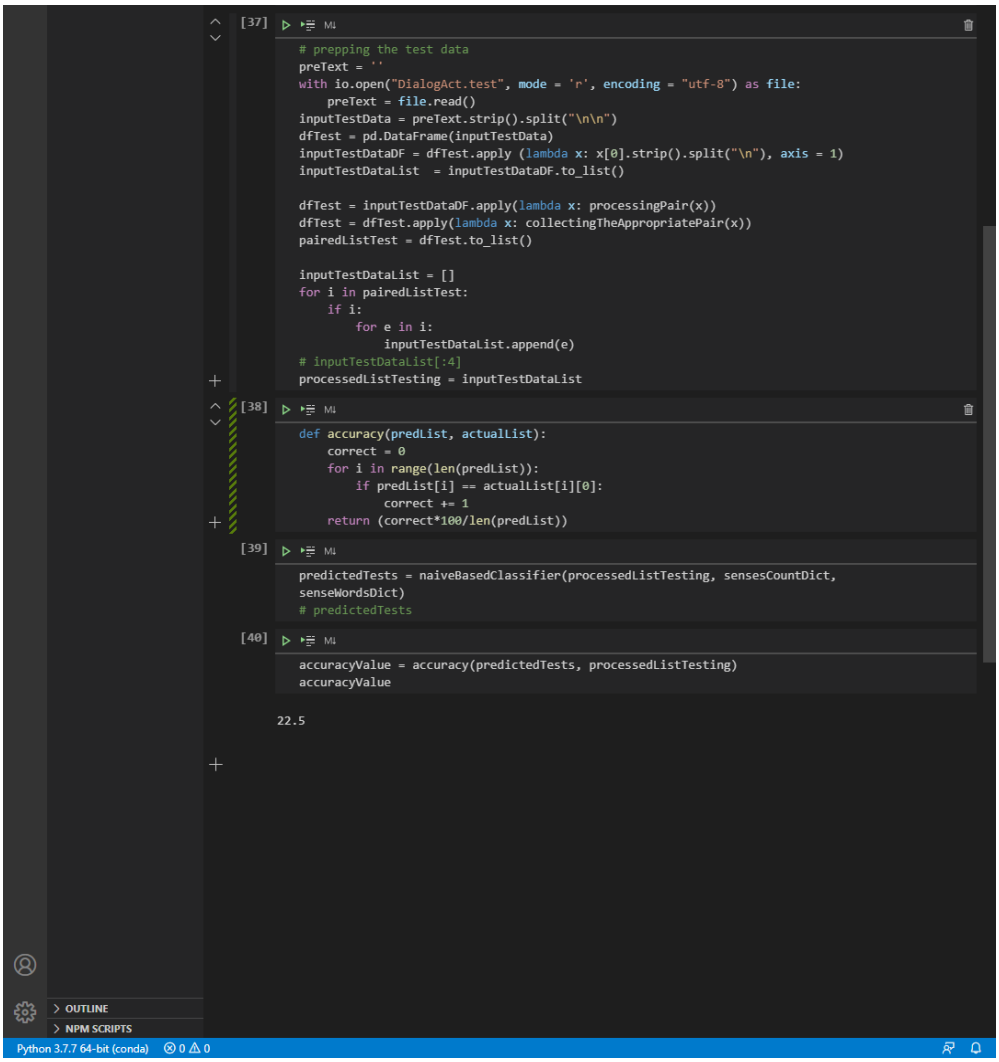
1. The program is complete. It complies and gives the output as expected.
2. The accuracy is 22.5%



```
[37]
# prepping the test data
preText = ''
with io.open("DialogAct.test", mode = 'r', encoding = "utf-8") as file:
    preText = file.read()
inputTestData = preText.strip().split("\n\n")
dfTest = pd.DataFrame(inputTestData)
inputTestDataDF = dfTest.apply (lambda x: x[0].strip().split("\n"), axis = 1)
inputTestDataList  = inputTestDataDF.to_list()

dfTest = inputTestDataDF.apply(lambda x: processingPair(x))
dfTest = dfTest.apply(lambda x: collectingTheAppropriatePair(x))
pairedListTest = dfTest.to_list()

inputTestDataList = []
for i in pairedListTest:
    if i:
        for e in i:
            inputTestDataList.append(e)
# inputTestDataList[:4]
processedListTesting = inputTestDataList
```

```
[38]
def accuracy(predList, actualList):
    correct = 0
    for i in range(len(predList)):
        if predList[i] == actualList[i][0]:
            correct += 1
    return (correct*100/len(predList))
```

```
[39]
predictedTests = naiveBasedClassifier(processedListTesting, sensesCountDict,
senseWordsDict)
# predictedTests
```

```
[40]
accuracyValue = accuracy(predictedTests, processedListTesting)
accuracyValue
```

```
22.5
```

OUTLINE
NPM SCRIPTS
Python 3.7.7 64-bit (conda) ⊗ 0 ⚠ 0