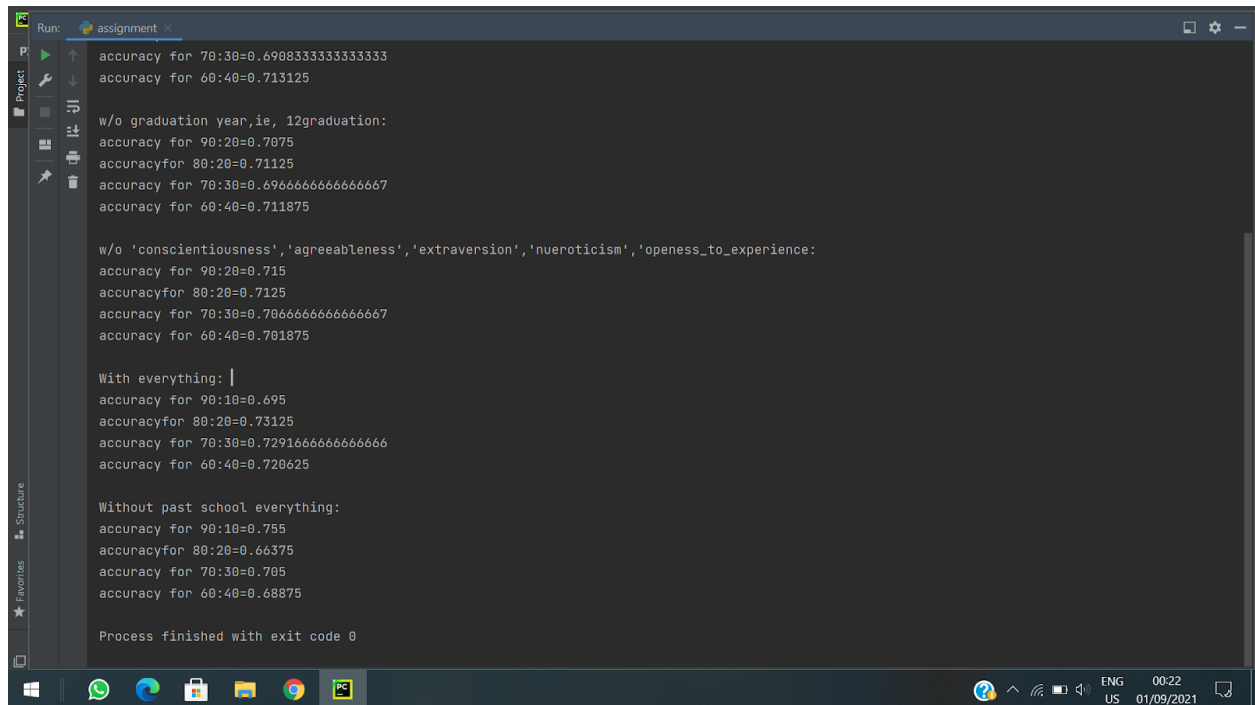


//the 80-20, with 80% training data and 20% of testing data gives the best possible output as we way too much data(5000 samples) have max data that has been trained therefore giving predict data more accurately with the minimum difference between predicted and the actual data

Shuffling is preferred as we then get random data just like we will be geting in the normal world



```
Run: assignment x
accuracy for 70:30=0.6908333333333333
accuracy for 60:40=0.713125

w/o graduation year,ie, 12graduation:
accuracy for 90:20=0.7075
accuracyfor 80:20=0.71125
accuracy for 70:30=0.6966666666666667
accuracy for 60:40=0.711875

w/o 'conscientiousness','agreeableness','extraversion','nueroticism','openess_to_experience:
accuracy for 90:20=0.715
accuracyfor 80:20=0.7125
accuracy for 70:30=0.7066666666666667
accuracy for 60:40=0.701875

With everything: |
accuracy for 90:10=0.695
accuracyfor 80:20=0.73125
accuracy for 70:30=0.7291666666666666
accuracy for 60:40=0.720625

Without past school everything:
accuracy for 90:10=0.755
accuracyfor 80:20=0.66375
accuracy for 70:30=0.705
accuracy for 60:40=0.68875

Process finished with exit code 0
```

```
Run: assignment x
↑
accuracy for 70:30=0.6908333333333333
↓
accuracy for 60:40=0.713125

w/o graduation year,ie, 12graduation:
accuracy for 90:20=0.7075
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Process finished with exit code 0
```