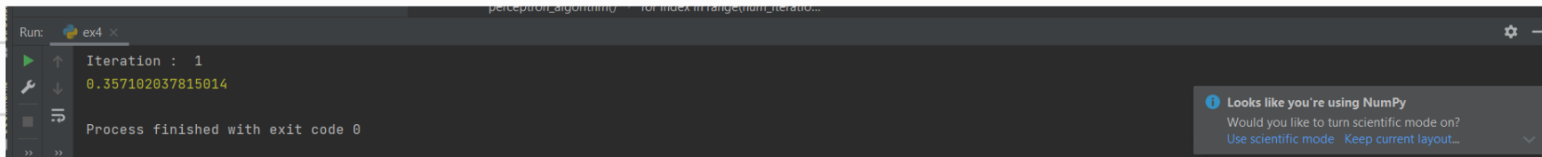


r301299, microw99  
342810835, 342768587

NLP - 4 Dec 20

MST Parser - 1



```
Run: ex4 x
Iteration : 1
0.357102037015014
Process finished with exit code 0
```

We can see on the picture, we arrived to 35,7% of accuracy on our test set

Transition - based Parsing - 2

s: "John likes balloons that pop and eggs"

1 Pro

Using the Arc - standard transition:

1. Shift
2. Shift
3. Left Arc nsubj
4. Shift
5. Shift
6. Shift
7. Left Arc mark
8. right arc acl
9. Shift
10. Shift
11. Left Arc cc
12. Right Arc conj
13. Right Arc obj
14. Right Arc root

The length of the sequence is 14

Using the Arc-eager transition:

1. Shift
2. Left Arc nsubj
3. Right ARC root
4. Right ARC obj
5. Shift
6. Left ARC mark
7. Right ARC acl
8. Reduce
9. Shift
10. Left ARC cc
11. Right ARC conj

The length of the sequence is 11.