

**MANAV RACHNA UNIVERSITY, FARIDABAD**

**Department of Computer Science and Technology**

**Course: B.Tech(CST) Semester:IV Subject: Programming for Problem Solving using Python(CSW208B) Session: 2020-21**

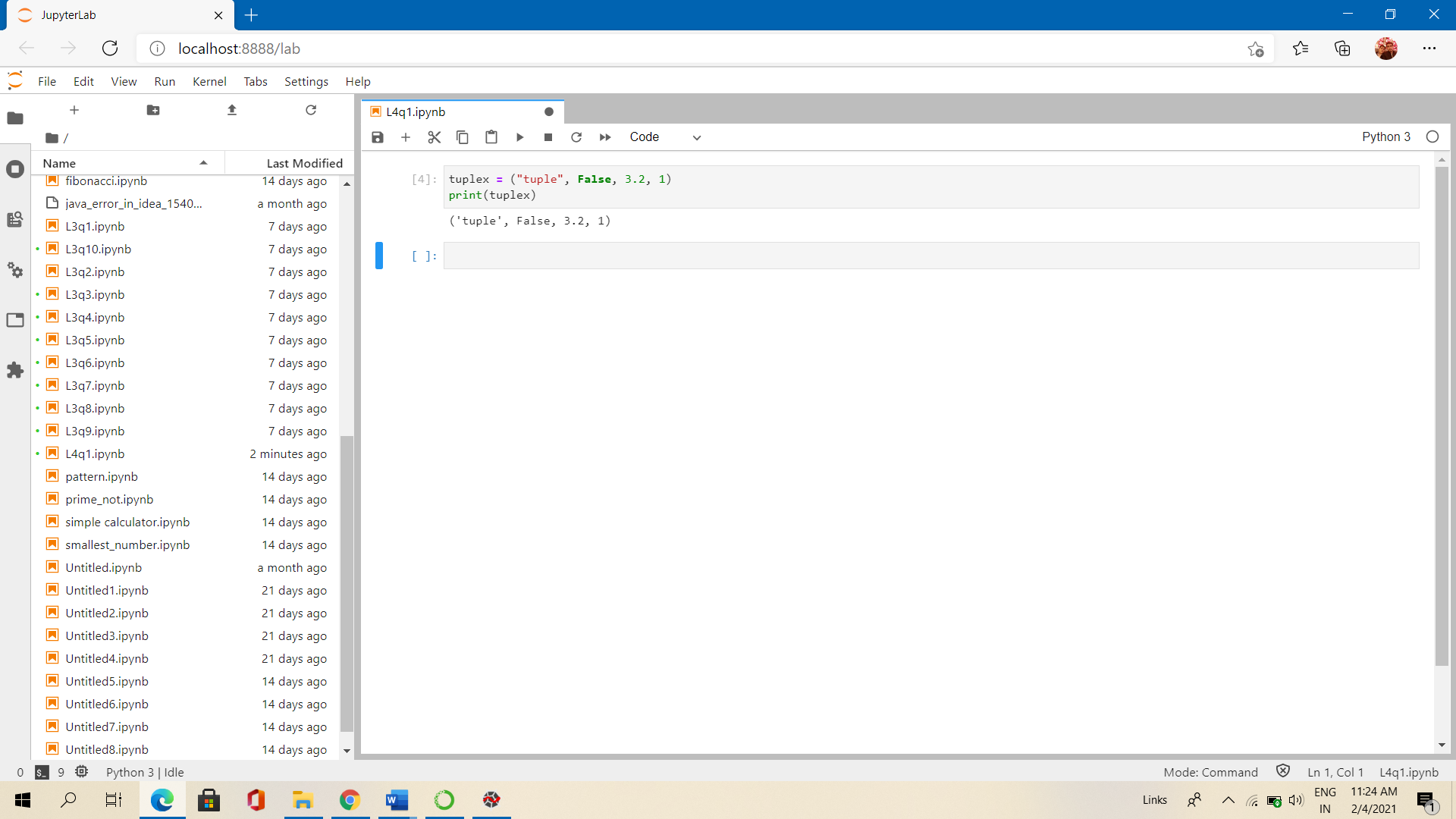
***Lab 4-5:*** *Operation on Tuples and List: hands-on practice*

***Learning Outcome*:** *Student will be able to implement Tuple and List:*

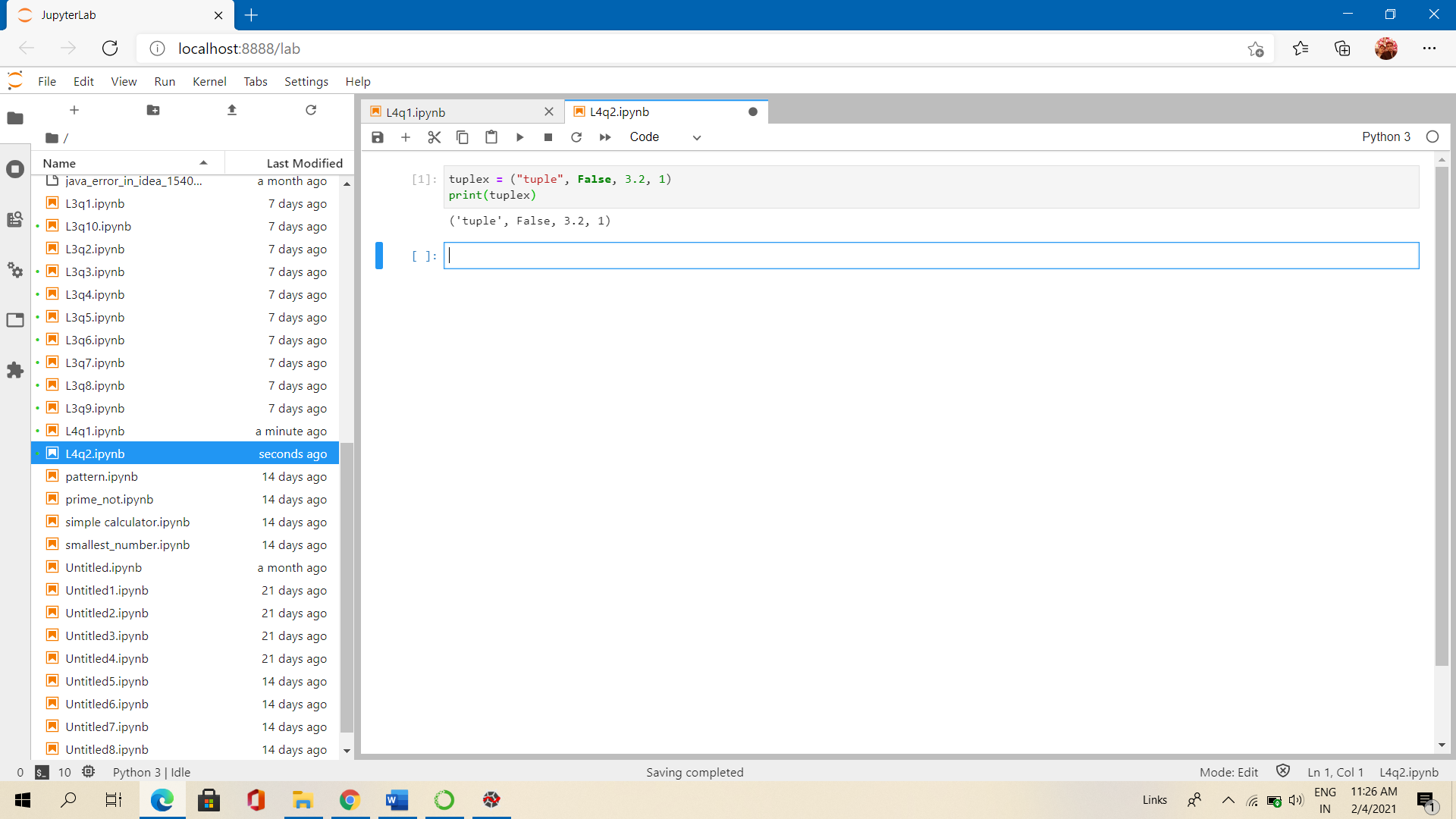
***Blooms Taxonomy Level****: BT1, BT2,BT3*

**Tuple**

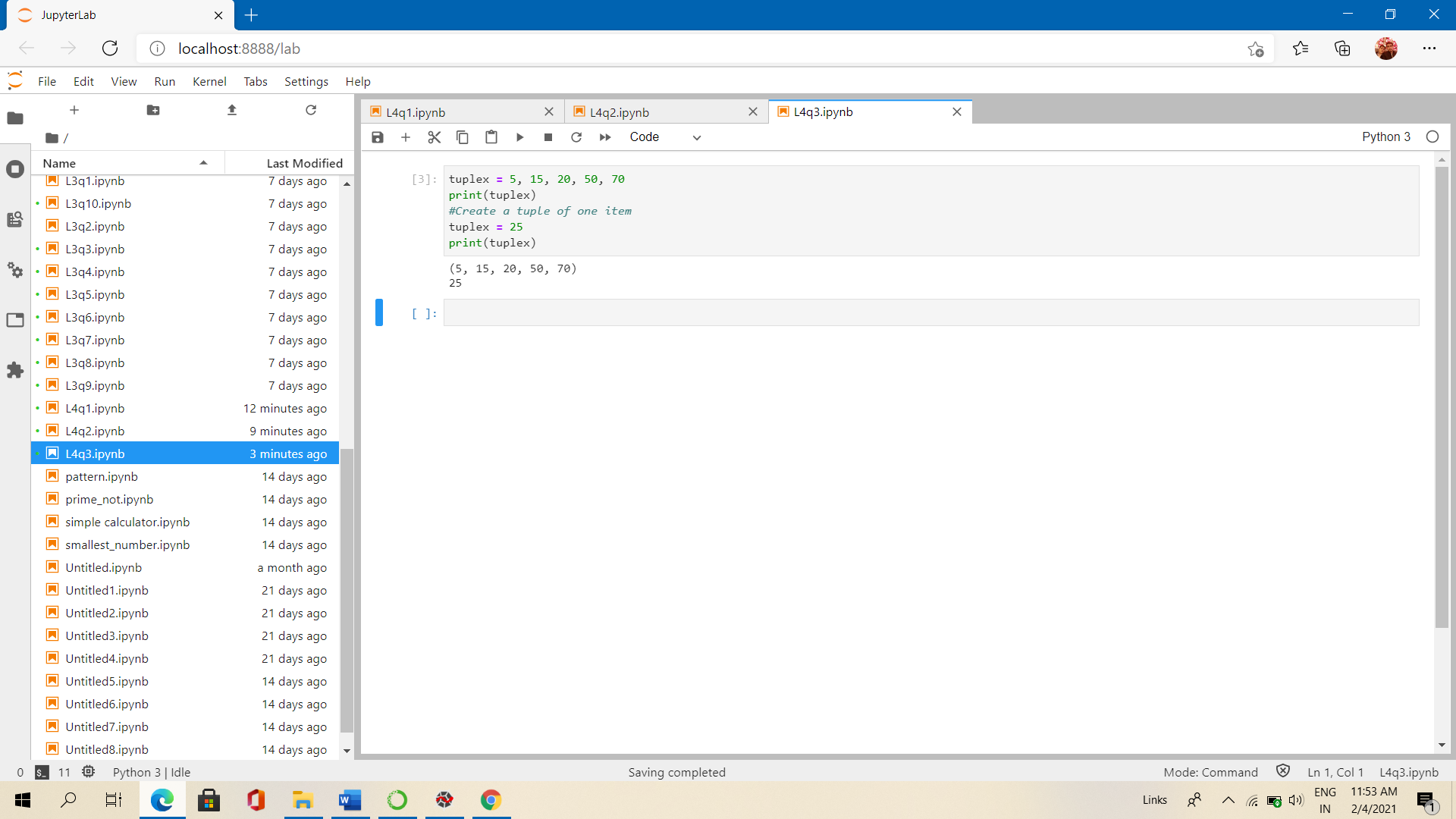
1. Write a Python program to create a tuple.



1. Write a Python program to create a tuple with different data types.

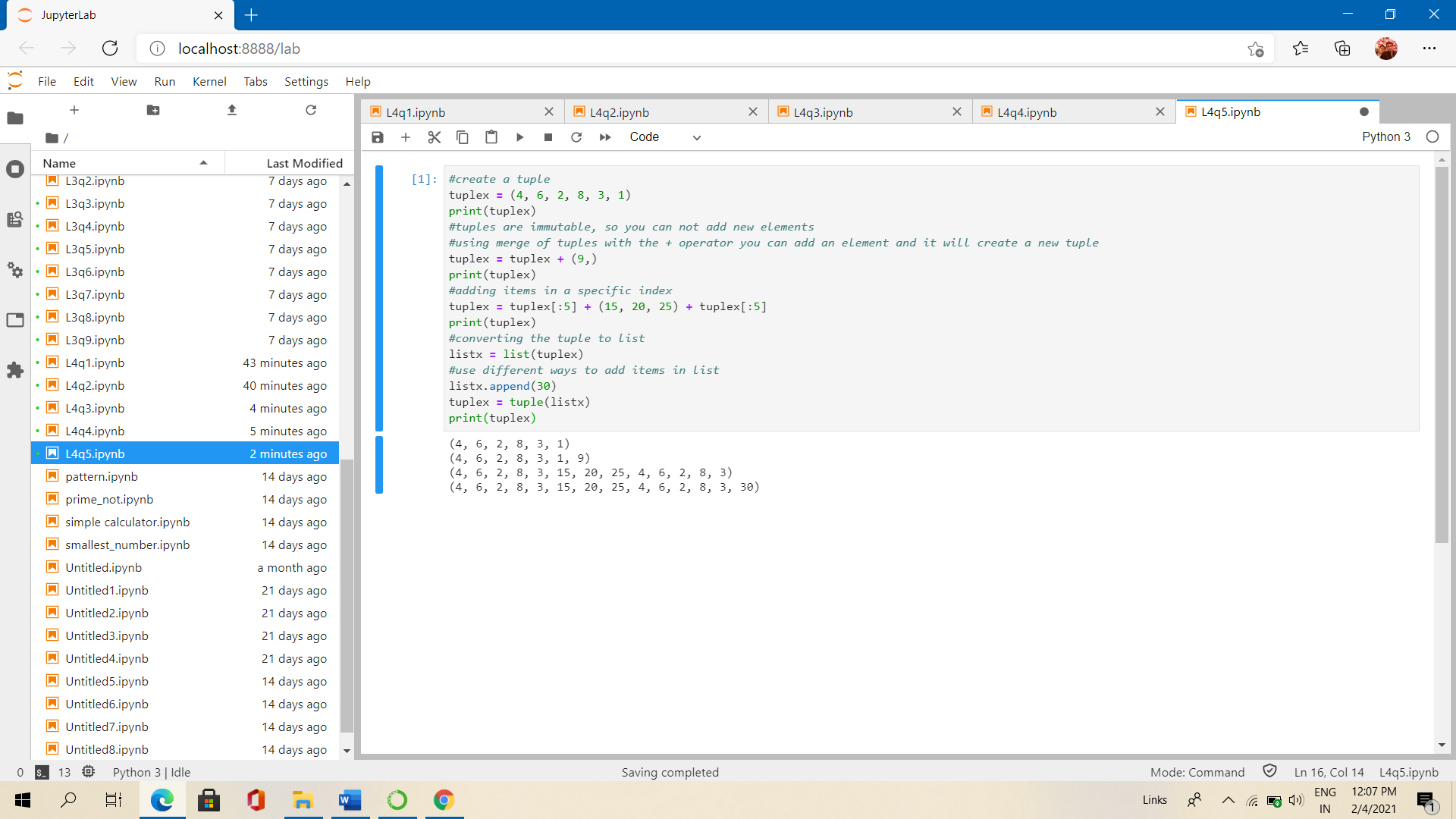


1. Write a Python program to create a tuple with numbers and print one item.

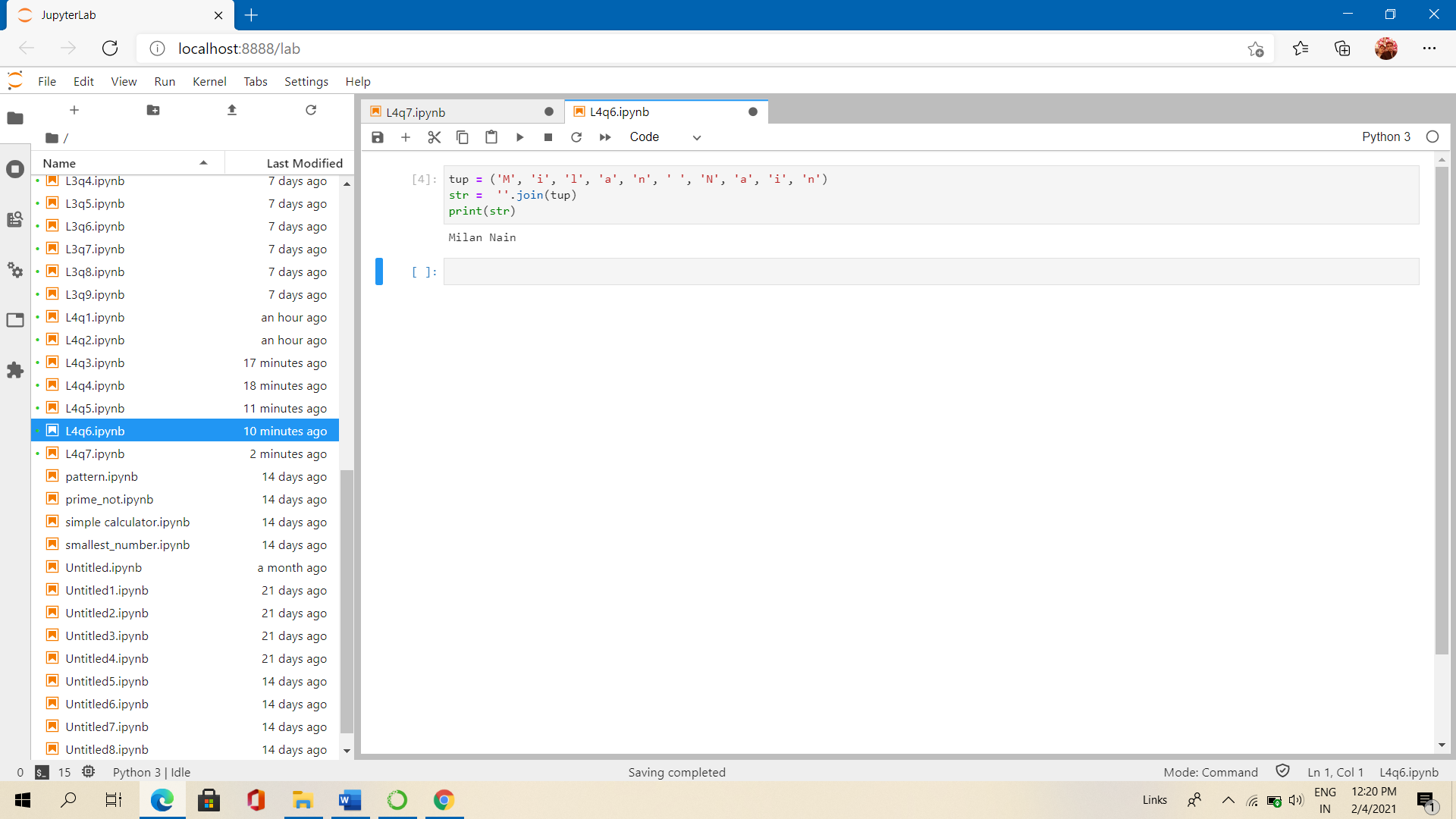


1. Write a Python program to unpack a tuple in several variables.

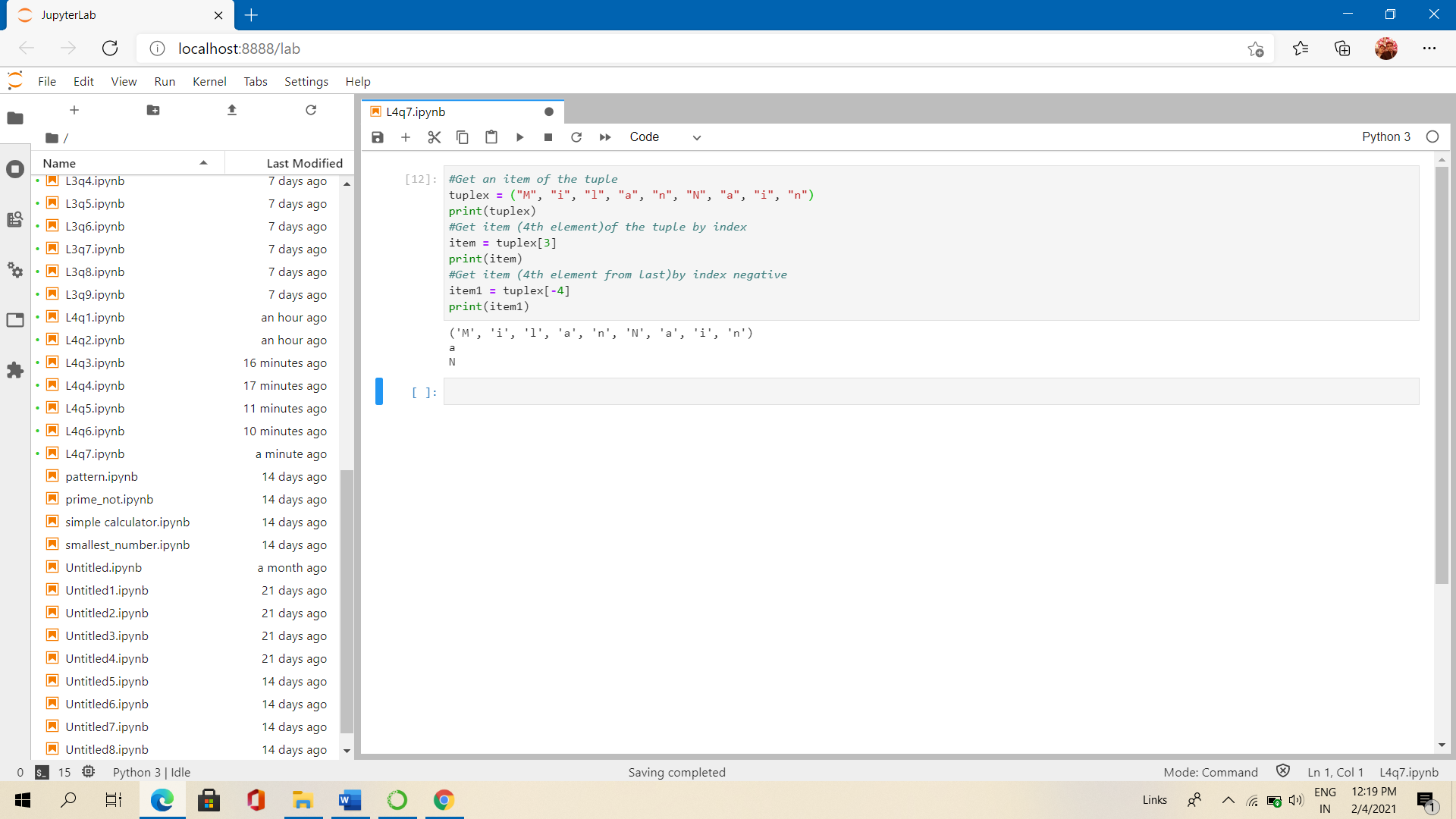
**5.** Write a Python program to add an item in a tuple.



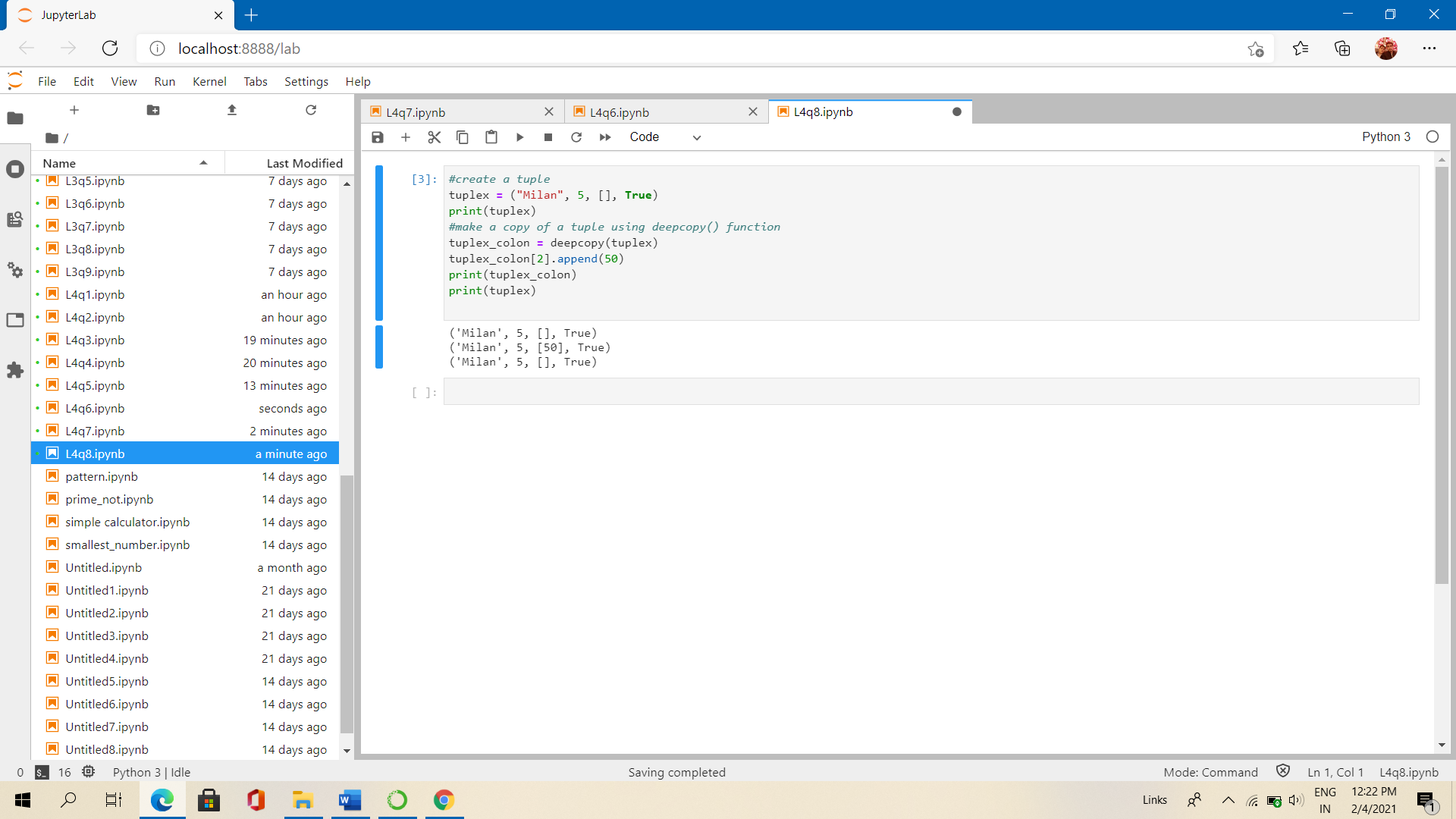
**6.** Write a Python program to convert a tuple to a string.



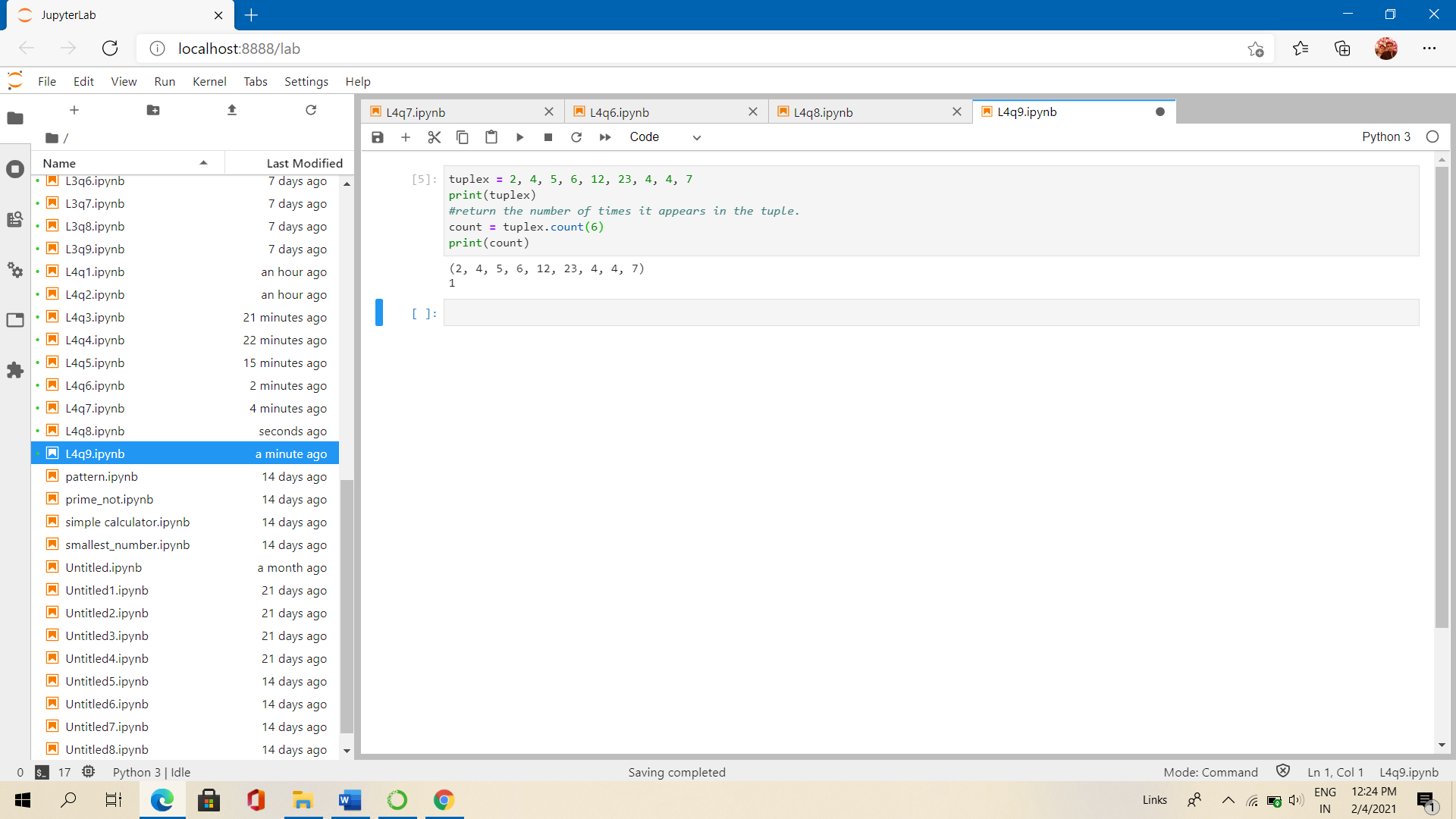
**7.** Write a Python program to get the 4th element and 4th element from last of a tuple



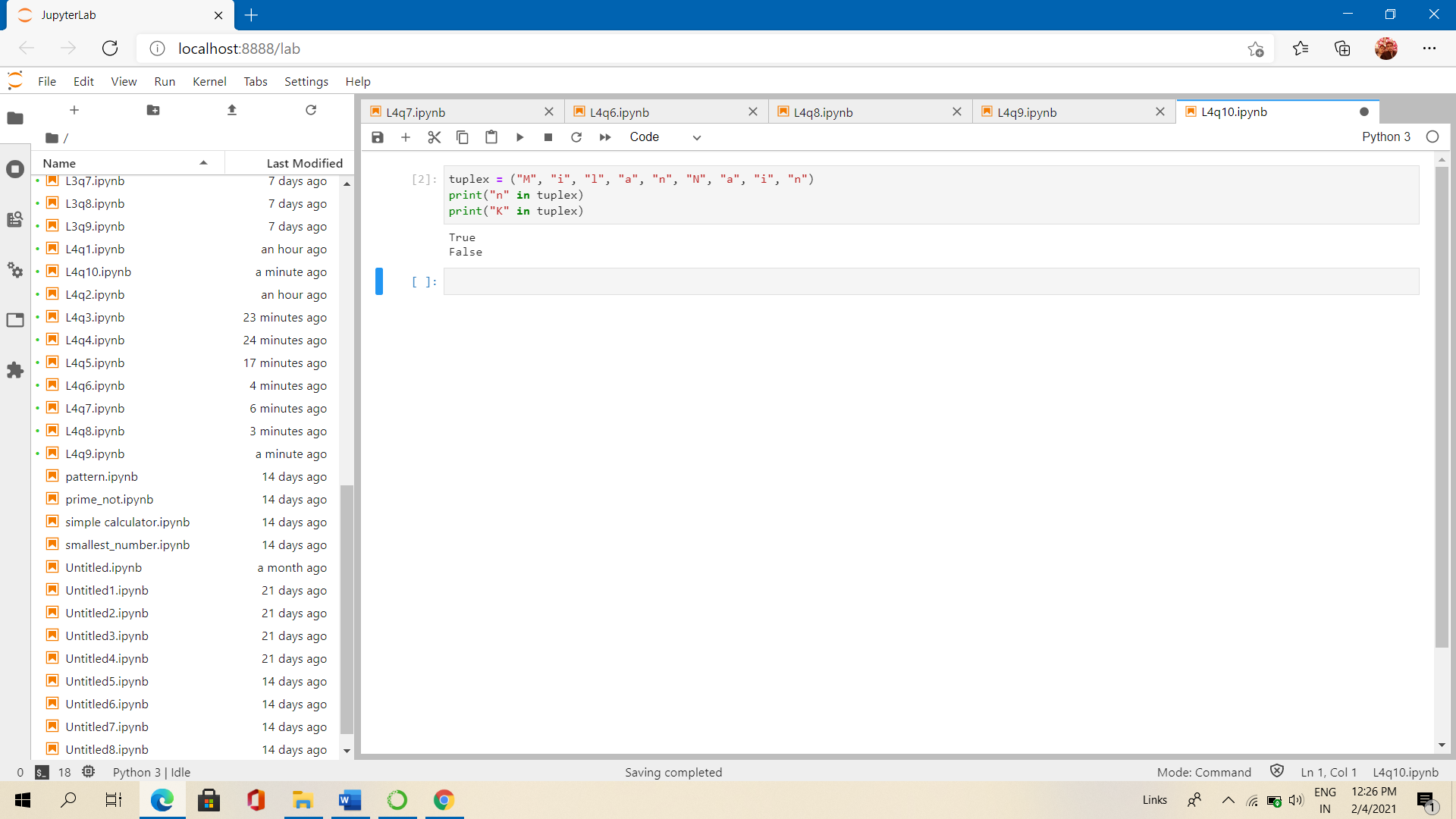
**8.** Write a Python program to create the colon of a tuple.



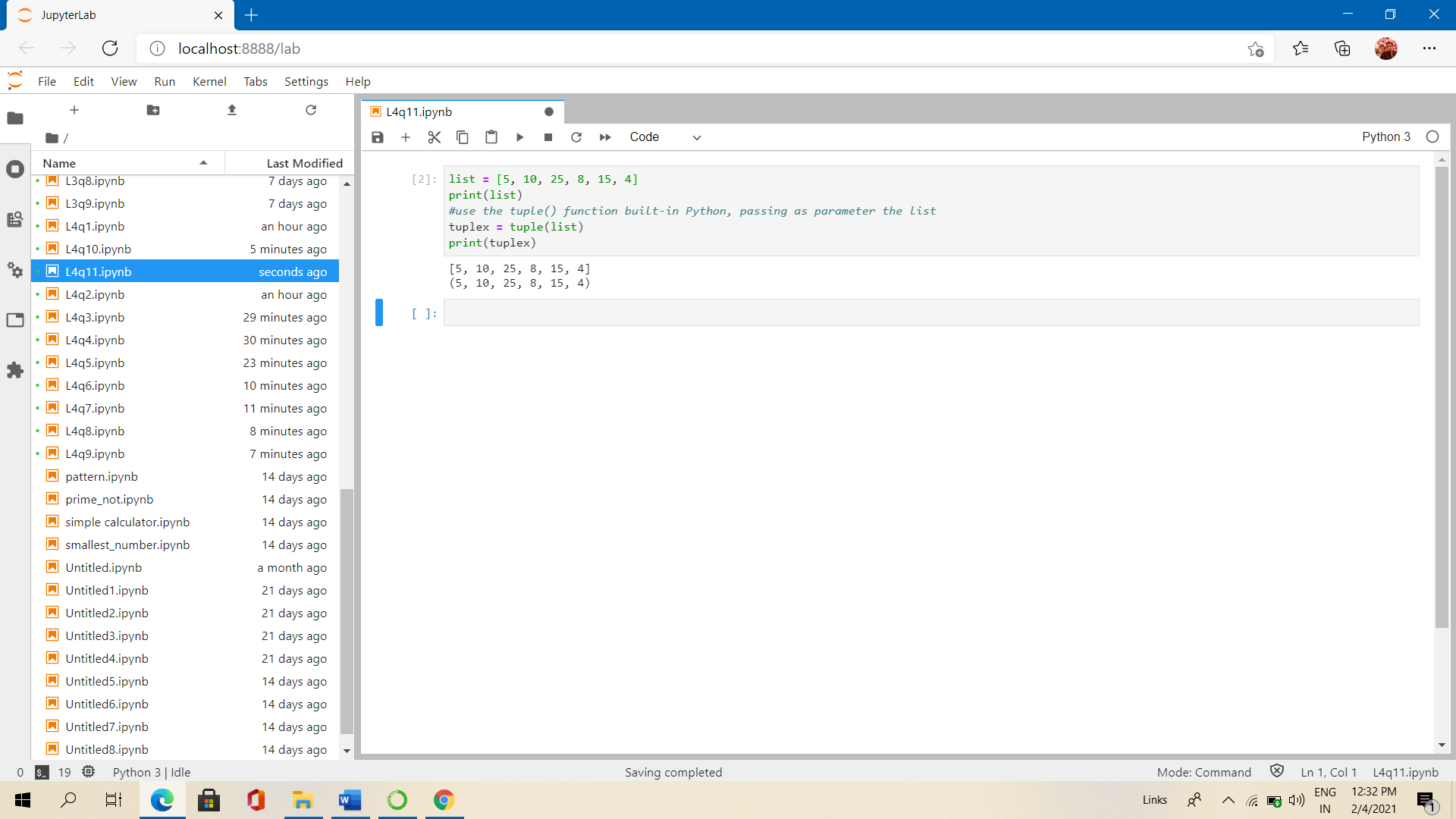
**9.** Write a Python program to find the repeated items of a tuple.



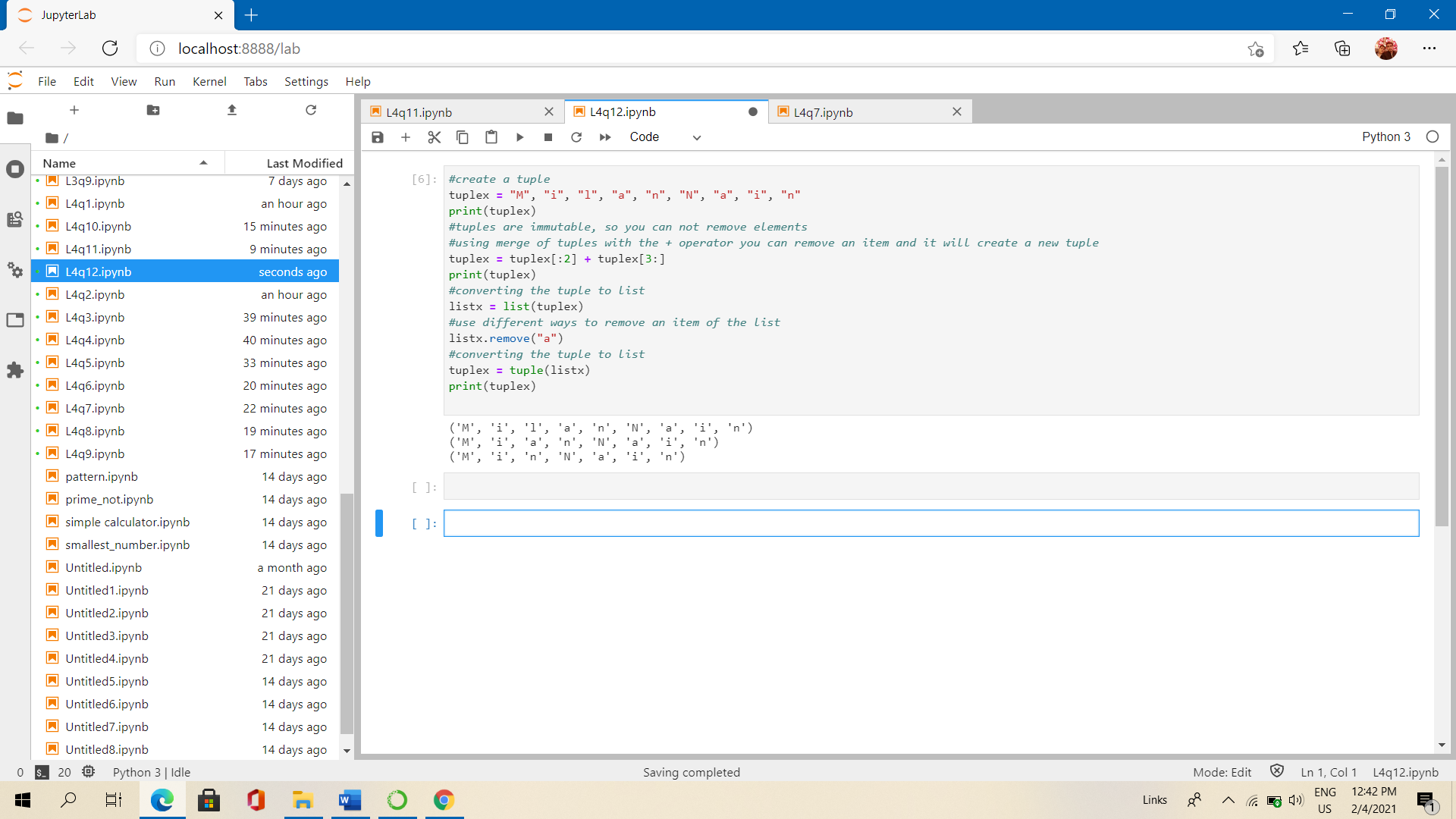
**10.** Write a Python program to check whether an element exists within a tuple.



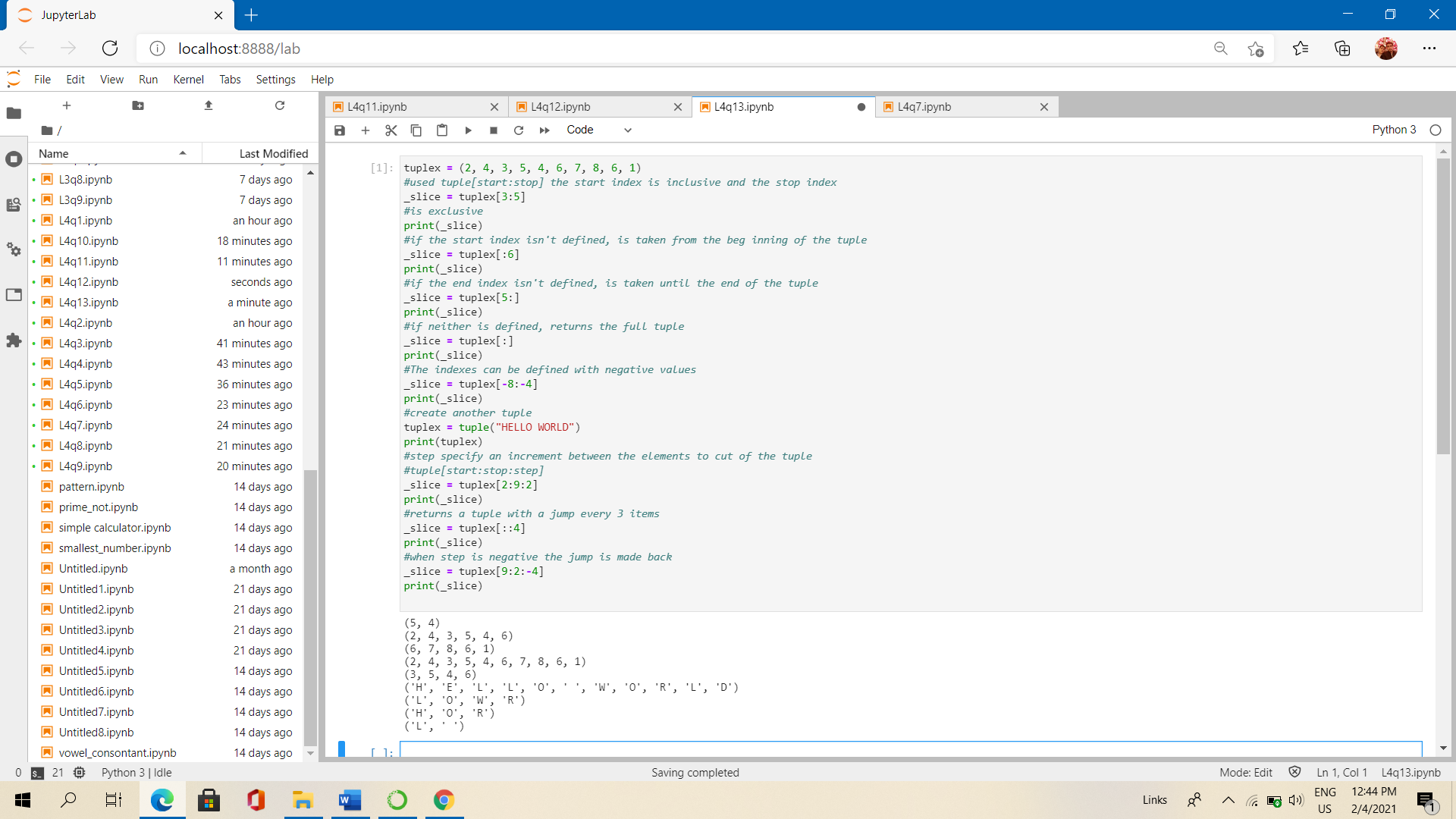
**11.** Write a Python program to convert a list to a tuple.



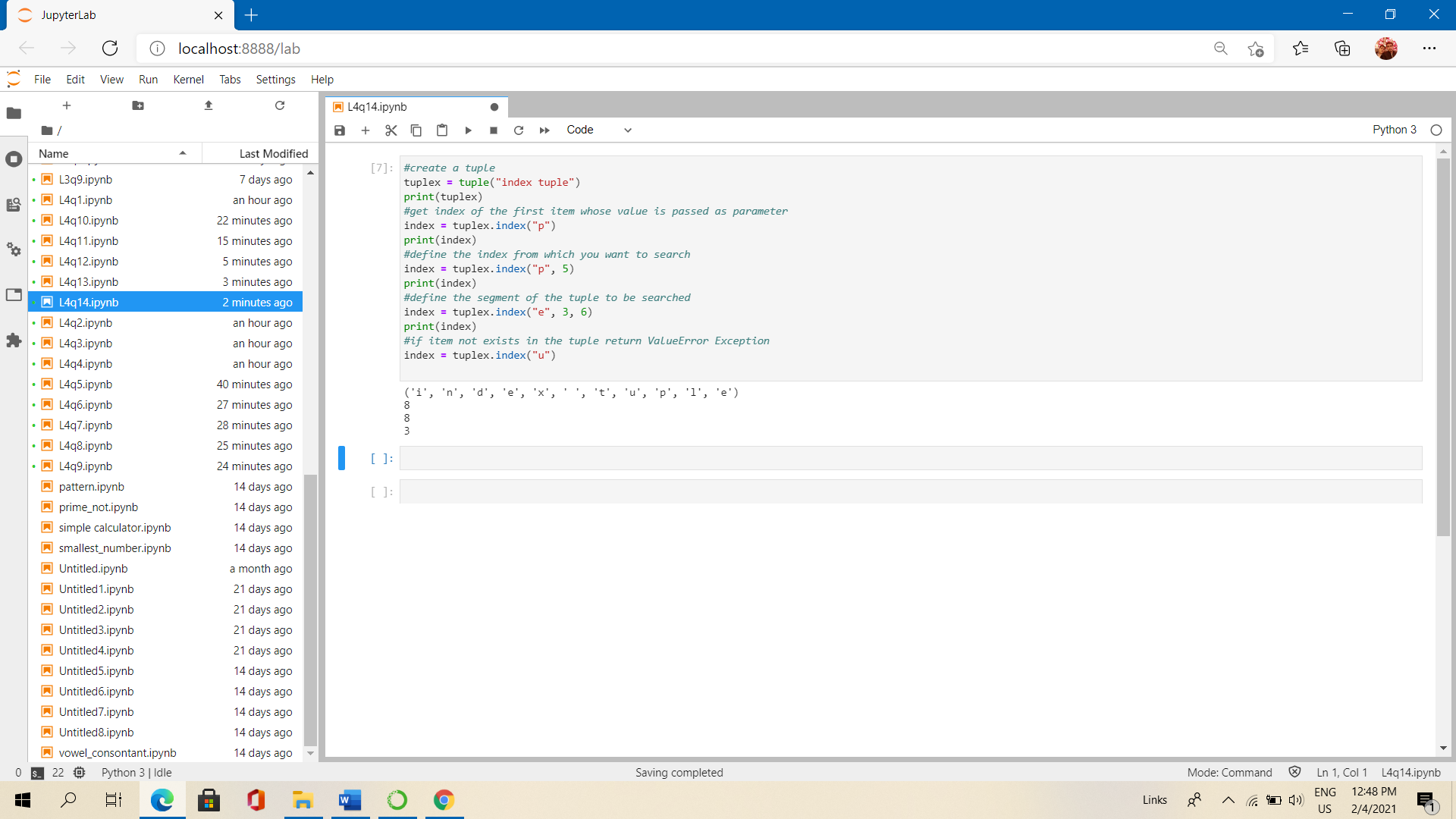
**12.** Write a Python program to remove an item from a tuple.



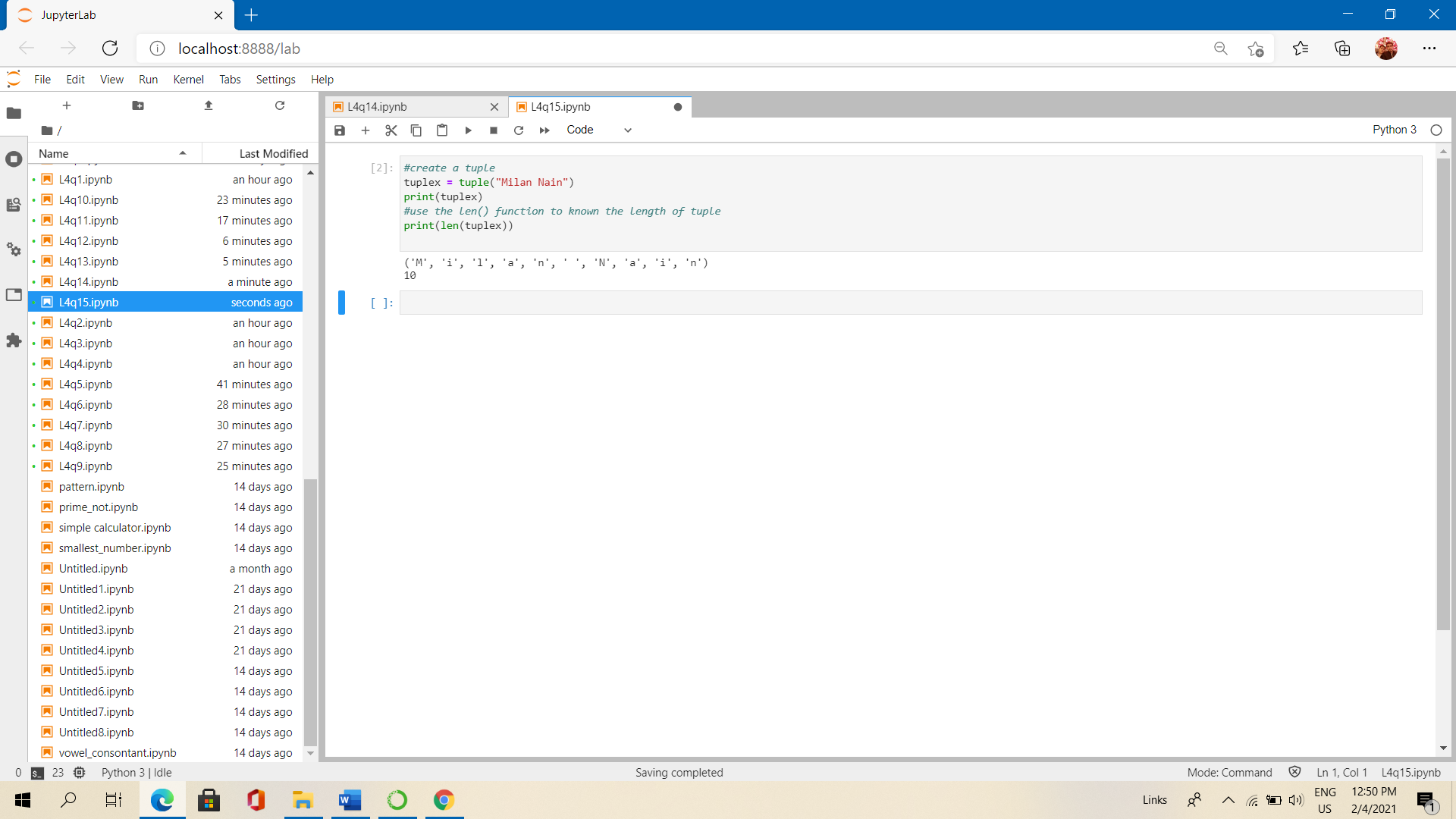
**13.** Write a Python program to slice a tuple



**14.** Write a Python program to find the index of an item of a tuple.



**15.** Write a Python program to find the length of a tuple.



16. Write a Python program to reverse a tuple.

