

S.No: 7	Exp. Name: Write a python program to Create a tuple and perform the following methods create 1) Add items 2) len() 3) check for the item in tuple 4)Access items.	Date:2023-09-16
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Aim:

Write a python program to Create a tuple and perform the following methods create 1) Add items 2) len() 3) check for the item in tuple 4)Access items.

Source Code:

tupleop.py

```
a=list(map(int,input("Enter Input Separated By , (Comma) : ").strip().split(",")))
print("Tuple : ",tuple(list(map(str,a))))
b=list(map(int,input("Enter Input Separated By , (Comma) : ").strip().split(",")))
a.extend(b)
print("After Adding items tuple : ",tuple(list(map(str,a))))
print("Length : ",len(a))
x=int(input("Enter item to Search : "))
if x in a:
    print(x," is Found")
else:
    print(x," is not Found")
ind=int(input("Enter index to access item : "))
print("Item at index",ind," is ",a[ind])
```

Execution Results - All test cases have succeeded!

Test Case - 1
User Output
Enter Input Separated By , (Comma) : 1,2,3
Tuple : ('1', '2', '3') 4,5,6
Enter Input Separated By , (Comma) : 4,5,6
After Adding items tuple : ('1', '2', '3', '4', '5', '6') 4
Length : 6 4
Enter item to Search : 4
4 is Found 3
Enter index to access item : 3
Item at index 3 is 4