Date:2024-09-03

S.No: 28 Exp. Name: Tuple Creation

### Aim:

Write a Python program that prompts the user to enter details for two members and creates tuples for each member consisting of (name(string), age(int), address(string), college(string)). Concatenate these tuples into a single tuple and print the concatenated tuple.

#### **Input Format:**

- The first line should take user input with Name, Age, Address, College as space-separated values for
- The second line should take user input with Name, Age, Address, College as space-separated values for Member 2.

## **Output Format:**

- In the first line print the tuple for Member 1.
- Print the tuple for Member 2 in the next line.
- Finally, print the concatenated tuple of both members.

### Example1:

#### Input:

John 12 Tampa St. Joseph Jane 15 Florida St.Mary

#### **Output:**

```
('John', '12', 'Tampa', 'St.Joseph') // Member 1
('Jane', '15', 'Florida', 'St.Mary') // Member 2
('John', '12', 'Tampa', 'St.Joseph', 'Jane', '15', 'Florida', 'St.Mary') // Concatenated Tuple
```

#### Source Code:

#### stdTup.py

```
user_input=input().split()
lst=list(user input)
lst[1]=int(lst[1])
tuple_list=tuple(lst)
user_input1=input().split()
lst1=list(user input1)
lst1[1]=int(lst1[1])
tuple_list1=tuple(lst1)
print(tuple_list)
print(tuple list1)
print(tuple_list+tuple_list1)
```

# Execution Results - All test cases have succeeded!

	Test Case - 1	-
User Output		
John 12 Tampa St.Joseph		
Jane 15 Florida St.Mary		

```
Test Case - 2
User Output
Ram 22 Delhi IITDelhi
Varun 24 Mumbai NITWarangal
                      'IITDelhi')
('Ram', 22,
            'Delhi',
 'Varun',
          24,
               'Mumbai',
                         'NITWarangal')
```

24,

'Varun',

'Jane', 15, 'Florida', 'St.Mary')

'Mumbai',

'NITWarangal')

'Tampa',

'Tampa',

'Delhi',

'Florida',

'John',

'Jane',

'John',

'Ram',

22,

12,

15,

12,

'St.Joseph')

'St.Mary')

'St.Joseph',

'IITDelhi',