S.No: 28	Exp. Name: ***Tuple Creation***	Date:2024-08-29

ID: 23K61A0624

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 Member 1.
- 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

('John', 12, 'Tampa', 'St.Joseph')
('Jane', 15, 'Florida', 'St.Mary')
('John', 12, 'Tampa', 'St.Joseph', 'Jane', 15, 'Florida', 'St.Mary')

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