

Tuple assignment

1. Write a statement to create an empty tuple named 'T1'.
2. Write a statement to create a tuple T1 containing five even numbers.
3. Write the code to convert the given list L1 to tuple. L=[1,2,3,4,5]
4. Write a statement to create tuple T1 with single element.
5. Write the statement to create tuple T1 with the following data. 1, 4, 'CS', 'IP', 5.

6. Write a statement in python to concatenate the given tuples. T1=(1,2,3) T2=(5,6,7)	7. Which error is returned by the following code: T1=(1,2,3,4,5,6,7,8) print(T1[15])
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8. Write a program to accept five numbers from the user and store it in tuple T1.
9. Consider the following tuple and write the code of the following statements:
 T1=(12,3,45,'Hockey', 'Anil', ('a', 'b'))
 - a. Display the first element of T1.
 - b. Display the last element of T1.
 - c. Display T1 in reverse order.
 - d. Display 'Anil' from tuple T1.
 - e. Display 'b' from tuple T1.
10. Write the output of the following code:

<pre>T1=4 print(type(T1))</pre>	<pre>T1=4,5,6 print(type(T1))</pre>
<pre>T1=(1,2,3,4,5,6,7,8) print(T1) print(T1*2) print(T1+T1) print(len(T1)*2)</pre>	<pre>T1=(1,2,3,4,5,6,7,8) print(T1) print(T1[-1]) #8 print(T1[2+3]) #6 print(T1[4-1]) #4 print(T1[7%2]) #2</pre>
<pre>T1=(1,2,3,4,5,6,7,8) print(T1[1::2]) print(T1[-1:-5:-2]) print(T1[::-1]) print(T1[:7:2])</pre>	<pre>T1=(1,2,3,4,5,6,7,8) print(T1[:]) print(T1[3:]) print(T1[:4]) print(T1[-2:-5])</pre>
<pre>T1=(45,6,98) T1=T1+(1,2,3) print(T1)</pre>	<pre>T1=(45,6,98) T1=T1*3 print(T1)</pre>
<pre>T1=(45,6,98) T2=((45,6,98)) print(T1 in T2) print(45 in T2) print(45 in T1) print(T1+T2)</pre>	<pre>for tt in tuple("Shimla"): print(tt+tt) 7 in tuple ("123456789") '7' in tuple ("123456789")</pre>
<pre>T1=(23,32,4,5,2,12,23,7,9,10,23) print(len(T1)+T1[-1]) print(T1[T1.count(23) + len(T1)-5]) print(T1.count(T1[6])) print(T1.count(max(T1)))</pre>	<pre>T1=('Hockey', 'Cricket', 'Football') print(max(T1)) print(min(T1)) T1=("A",["B", "D"],"C") T1[1][1]="C" print(T1)</pre>
<pre>T1=(23,32,4,5,2,12,23,7,9,10,23) print(sorted(T1)) print(sorted(T1[2:7])) print(T1.index(23)) print(T1.index(23,3,9))</pre>	<pre>T1=(23,32,4,5,2,12,23,7,9,10,23) print(sum(max(T1)+min(T1))) >>>(name,rollno,subject)=("anil", 9 , "cs") >>>name</pre>

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