course_2_assessment_5

Due: 2018-11-25 01:31:00

| Description: Assessment for Tuples lesson | Score: 0 of 5 = 0.0% |

Questions

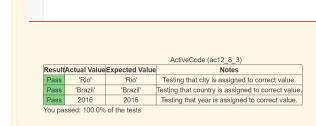**Not yet graded**

Create a tuple called `olympics` with four elements: "Beijing", "London", "Rio", "Tokyo".

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```
1 olympics = ("Beijing","London","Rio","Tokyo")
2
```

ActiveCode (ac12_8_1)

Result	Actual Value	Expected Value	Notes	
Pass	('Bei...kyo')	('Bei...kyo')	Testing that olympics is assigned to correct values	Expand Differences

You passed: 100.0% of the tests

Not yet graded

The list below, `tuples_lst` , is a list of tuples. Create a list of the second elements of each tuple and assign this list to the variable `country` .

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```
1
2 tuples_lst = [('Beijing', 'China', 2008), ('London', 'England', 2012), ('Rio', 'Brazil', 2
3 second_element=[]
4
5 for i in tuples_lst:
6     second_element.append(i[1])
7
8 country=second_element
9
```

ActiveCode (ac12_8_2)

Result	Actual Value	Expected Value	Notes	
Pass	['Chi...pan']	['Chi...pan']	Testing that third is assigned to correct values	Expand Differences

You passed: 100.0% of the tests

Not yet graded

With only one line of code, assign the variables `city` , `country` , and `year` to the values of the tuple `olymp` .

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```
1
2 olymp = ('Rio', 'Brazil', 2016)
3 (city,country,year)=olymp
4
```

ActiveCode (ac12_8_3)

Result	Actual Value	Expected Value	Notes
Pass	'Rio'	'Rio'	Testing that city is assigned to correct value.
Pass	'Brazil'	'Brazil'	Testing that country is assigned to correct value.
Pass	2016	2016	Testing that year is assigned to correct value.

You passed: 100.0% of the tests

Define a function called `info` with five parameters: name, gender, age, bday_month, and hometown. The function should then return a tuple with all five parameters in that order.

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```
1  def info(name,gender,age,bday_month,hometown):
2      return (name,gender,age,bday_month,hometown)
3
```

ActiveCode (ac12_8_4)

Result	Actual Value	Expected Value	Notes	
Pass	('Sue...bor')	('Sue...bor')	Testing that info('Sue', 'Female', 20, 'March', 'Ann Arbor') returns('Sue', 'Female', 20, 'March', 'Ann Arbor')	Expand Differences

You passed: 100.0% of the tests

Given is the dictionary, `gold`, which shows the country and the number of gold medals they have earned so far in the 2016 Olympics. Create a list, `num_medals`, that contains only the number of medals for each country. You must use the .items() method. Note: The .items() method provides a list of tuples. Do not use .keys() method.

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```
1
2  gold = {'USA':31, 'Great Britain':19, 'China':19, 'Germany':13, 'Russia':12, 'Japan':10, '
3  num_medals=[]
4  for i in gold.items():
5      num_medals.append(i[1])
6
```

ActiveCode (ac12_8_5)

Result	Actual Value	Expected Value	Notes	
Pass	[8, 8..., 31]	[8, 8..., 31]	Testing that num_medals is assigned to correct values.	Expand Differences
Pass	'.keys()'	'\ngold... [1])\n'	Testing your code (Don't worry about actual and expected values).	Expand Differences
Pass	'.items()'	'\ngold... [1])\n'	Testing your code (Don't worry about actual and expected values).	Expand Differences
Pass	'in gold:'	'\ngold... [1])\n'	Testing your code (Don't worry about actual and expected values).	Expand Differences

You passed: 100.0% of the tests

Score Me