

Course > Week 2... > (Optio... > Option...

# **Optional End of Week 2 Quiz**

This quiz is completely optional and is provided so you may get feedback, if desired, on your understanding of the basics of python programming and working with unix. Good luck!

### Lists and Arrays

1/1 point (ungraded)

What will be printed by the following code snippet?

```
x = [1, 2, 3]
y = x
x[1] = 42
print (y)
```

0 [1, 2, 3]

● [1, 42, 3]

[42, 2, 3]

[42, 1, 3]

Submit

✓ Correct (1/1 point)



1/1 point (ungraded)

Assuming the list below:

What is the output from the following code snippet?

```
mylist[3] % mylist[1]
```

0

0 7

0 4



Submit

✓ Correct (1/1 point)

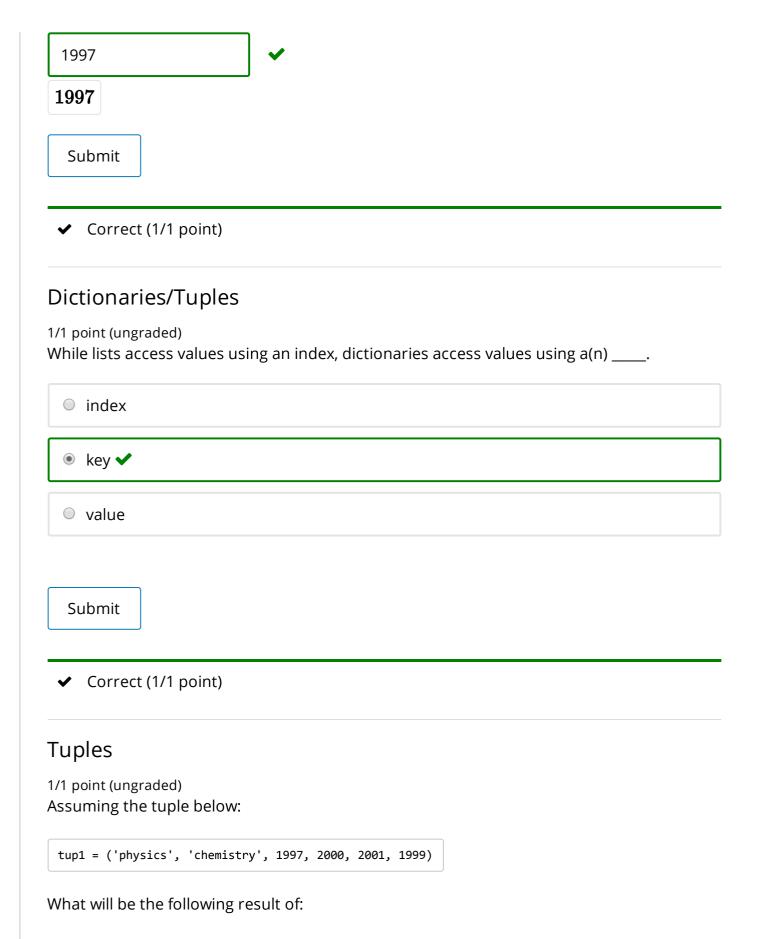
# **Tuple Indices**

1/1 point (ungraded)

# Assuming the code below:

```
tup1 = ('physics', 'chemistry', 1997, 2000, 2001, 1999)
```

What is the result of: tup1[2]



```
tup1[2]=1998
 print(tup1)
  ('physics', 'chemistry', 1997, 2000, 2001, 1999)
  ('physics', 'chemistry', 1998, 2000, 2001, 1999)
  ■ TypeError: 'tuple' object does not support item assignment 
  Submit
 ✓ Correct (1/1 point)
Tuple Indexing
1/1 point (ungraded)
Assuming the tuple below:
 tup1 = ('physics', 'chemistry', 1997, 2000, 2001, 1999)
What will be the following result of tup1[1:4].
  ('physics', 'chemistry', 1997, 2000)
  ('chemistry', 1997, 2000, 2001)

    ('chemistry', 1997, 2000) 
    ✓
  (1997, 2000, 2001, 1999)
```

Submit
✓ Correct (1/1 point)
Sets in Python
1/1 point (ungraded) True or False: In Python, you cannot insert duplicates in sets.
True •
Submit
✓ Correct (1/1 point)
UNIX commands
1/1 point (ungraded)  Header
Which of the following UNIX commands allows searching for the occurrence of a string matching a specified pattern?
O man
● grep ✔
o cat
O who
Submit

✓ Correct (1/1 point)

### Pipes and Filters

1/1 point (ungraded)

Which is the correct UNIX command to find the NUMBER of occurrences of the string "the" in a file named "fileName.txt" using pipes and the proper commands. Assume you are in the directory with the file "fileName.txt".



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