

## MITx: 6.00.1x Introduction to Computer Science and Programming ...

<u>Help</u>

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## Exercise 3

Welcome to the edX Platform

Entrance <u>Survey</u>

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## Exercise 3

24 points possible (graded)

## **ESTIMATED TIME TO COMPLETE: 20 minutes**

Download Python and

Get Motivated!

▶ Week 1: **Python Basics** 

▶ Week 2: <u>Simple</u> **Programs** 

▶ Week 3: Structured <u>Types</u>

▶ Week 4: Good **Programming Practices** 

Midterm Exam

▼ Week 5: **Object Oriented Programming** 

Below is a transcript of a session with the Python shell. Provide the type and value of the expressions being evaluated. If evaluating an expression would cause an error, select NoneType and write error in the box. If the result is a function, select function and write function in the box. As always, try to do this problem by hand before turning to your interpreter for help.

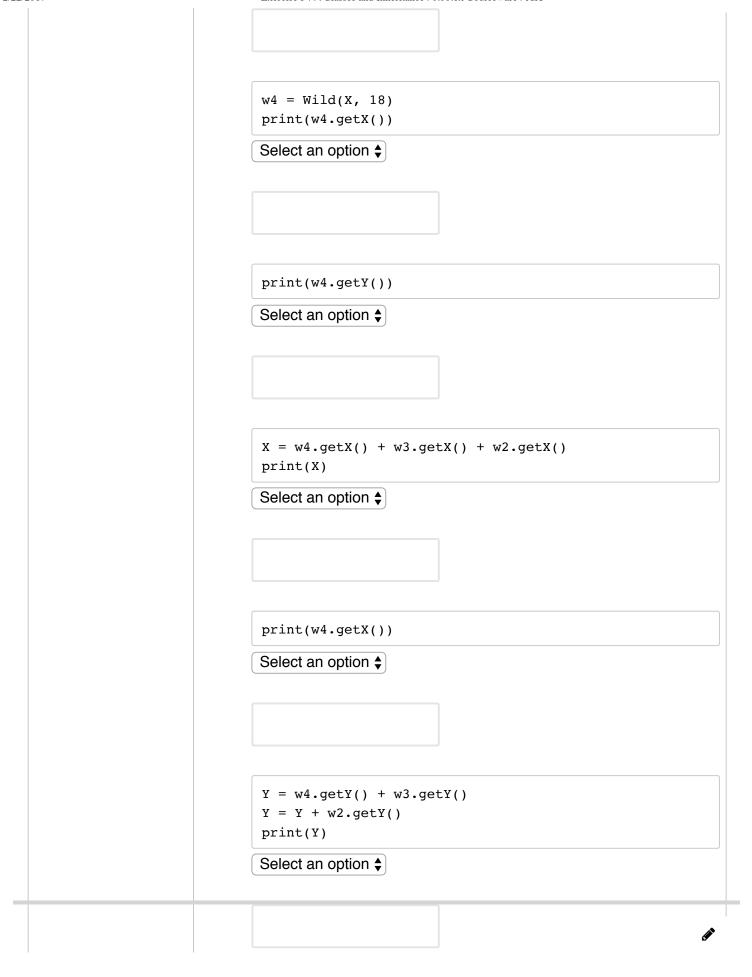
Week 5: Object Oriented Programming > 9. Classes and Inheritance > Exercise 3

Assume the following definitions have been made:

```
class Weird(object):
    def __init__(self, x, y):
        self.y = y
        self.x = x
    def getX(self):
        return x
    def getY(self):
        return y
class Wild(object):
    def __init__(self, x, y):
        self.y = y
        self.x = x
    def getX(self):
        return self.x
    def getY(self):
        return self.y
X = 7
Y = 8
```

```
print(w1.getX())
```

9. Classes and Inheritance Finger Exercises  10. An Extended Example Finger Exercises  Problem Set 5 Problem Set due Mar 2, 2017 15:30 PST	Select an option ♦  print(w1.getY())  Select an option ♦
<ul> <li>▶ Week 6:         Algorithmic         Complexity</li> <li>▶ Sandbox</li> </ul>	<pre>w2 = Wild(X, Y) print(w2.getX())</pre> Select an option \$
	<pre>print(w2.getY())  Select an option \$</pre>
	<pre>w3 = Wild(17, 18) print(w3.getX())  Select an option \$</pre>
	<pre>print(w3.getY())  Select an option \$</pre>



pr	int(w2.get	Y())			
	ect an optio				
Submit					
Submit					

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