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Help

L11 PROBLEM 3 (5/5 points)

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.

Assume the following definitions have been made:

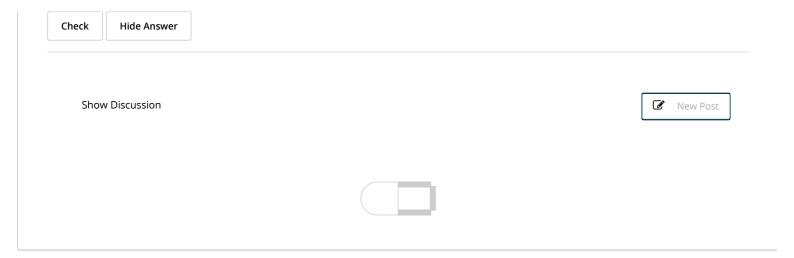
```
class Weird(object):
    def __init__(self, x, y):
        self.y = y
        self.x = x
    def getX(self):
        return x
    def getY(self):
        return y
class Wild(object):
    def __init__(self, x, y):
        self.y = y
        self.x = x
    def getX(self):
        return self.x
   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

```
w1 = Weird(X, Y)
 print w1.getX()
NoneType ▼
              NoneType
 error
                               Answer: error
 print w1.getY()
NoneType ▼
              NoneType
 error
                               Answer: error
 w2 = Wild(X, Y)
 print w2.getX()
int
              int
 7
                               Answer: 7
 print w2.getY()
int
              int
```

```
8
                              Answer: 8
w3 = Wild(17, 18)
print w3.getX()
int
          ▼ int
 17
                             Answer: 17
print w3.getY()
int
          ▼ int
 18
                              Answer: 18
w4 = Wild(X, 18)
 print w4.getX()
int
          ▼ int
 7
                              Answer: 7
 print w4.getY()
          ▼ int
int
 18
                             Answer: 18
X = w4.getX() + w3.getX() + w2.getX()
 print X
int
          ▼ int
 31
                              Answer: 31
 print w4.getX()
int
          ▼ int
 7
                             Answer: 7
Y = w4.getY() + w3.getY()
Y = Y + w2.getY()
 print Y
int
          ▼ int
 44
                              Answer: 44
 print w2.getY()
int
          ▼ int
```

8

Answer: 8



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