Introduction to Object Oriented Programming

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Handout: Quiz 9

Name.		
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Predict the precise sequence of output that is generated when the following code is executed.

```
class Being:
    def __init __(self, val):
        self.v = val
    def multiply(self, factor):
        self._v *= factor
    def speak(self):
        print '----'
        print self._v
class Alien(Being):
    def __init__(self, val):
        Being. __init __(self, val)
        self. x = val * val
    def speak(self):
        Being.speak(self)
        print self._x
    def grow(self):
        self._x *= self._v
if __name__ == '__main__':
    a = Alien(4)
    a.speak()
    a.multiply(5)
    a.speak()
    a.grow()
    a.speak()
```