Order of Execution Example:

```
       class Person:

           number_of_faces = 1

1          def __init__(self, name, age):
2              self.name = name
3              self.age = age

           @property
4          def name(self):
5              return self._name

           @name.setter
6          def name(self, val):
7              self._name = val

           @property
8          def age(self):
9              return self._age

           @age.setter
10         def age(self, val):
11             self._age = val

12         def observe_birthday(self):
13             self.age += 1

14         def __str__(self):
15             return f”Name: {self.name}; Age: {self.age}”

       class Student(Person):

16         def __init__(self, school):
17             Person.__init__(self, None, None)
18             self.school = school

19         def __str__(self) -> str:
20             return super().__str__() + f’; Attends: {self.school}’

21     p = Person(‘Amanda’, 15)
22     p.age = 10

23     s = Student(‘LA Tech’)
24     s._age = 12
25     s.observe_birthday()

26     print(s)
```

Order of Execution Example:

```
        class CellPhone:

            default_ring_tone = “chime1.mp3”
            default_mode = “light”

1           def __init__(self, phone_number):
2               self.phone_number = phone_number
3               self.ring_tone = CellPhone.default_ring_tone
4               self.mode = CellPhone.default_mode

            @property
5           def phone_number(self):
6               return self._phone_number

            @property.setter
7           def phone_number(self, new_number):
8               if len(new_number) == 10:
9                   self._phone_number = new_number
10              else:
11                  raise Exception(“The number needs to be 10 digits.”)

12          def call(self, other_phone):
13              other_phone.ring()

14          def ring(self):
15              print(f”{self.phone_number} is ringing”)

16          def __str__(self):
17              return self.phone_number

18      c1 = CellPhone(“1234567890”)
19      c2 = CellPhone(“0987654321”)
20      c1.ring(c2)
21      print(c2)
```