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/Library/Frameworks/Python.framework/Versions/3.5/bin/python3.5 -u
PyDev console: starting.

import sys; print('Python %s on %s' % (sys.version, sys.platform))
sys.path.extend(['/Users/joe/PycharmProjects/148WK1'])

Python 3.5.0 (v3.5.0:374f501f4567, Sep 12 2015, 11:00:19)
[GCC 4.2.1 (Apple Inc. build 5666) (dot 3)] on darwin
>>> class Celsius:
...     def __init__(self, temperature = 0):
...         self.setTemperature(temperature)
...     def to_fahrenheit(self):
...         return (self.getTemperature() * 1.8) + 32
...     def getTemperature(self):
...         return self._temperature
...     def setTemperature(self, value):
...         if value < -273:
...             raise ValueError("Temperature below -273 is not po
...             self._temperature = value
...
>>>
>>> tempC = Celsius()
>>> tempC.temperature = 32.5
>>> tempC.temperature
32.5
>>> tempC.to_fahrenheit()
32.0
>>> # hmm... wrong temperature
>>> tc1 = Celsius(-300)
Traceback (most recent call last):
  File "<input>", line 1, in <module>
  File "<input>", line 3, in __init__
  File "<input>", line 10, in setTemperature
ValueError: Temperature below -273 is not possible
>>> tmpC2 = Celsius()
>>> tmpC2.temperature = 20
>>> tmpC2.to_fahrenheit()
32.0
>>> # wrong answer again
>>>
>>> t3 = Celsius(-25)
>>> t3.temperature
Traceback (most recent call last):
  File "<input>", line 1, in <module>
AttributeError: 'Celsius' object has no attribute 'temperature'
>>> t3.to_fahrenheit()
-13.0
>>> # correct answer, but no temperature attribute
>>>
>>> # oops.. client will have to modify their code
>>> t3.getTemperature()
-25
>>> tempC.setTemperature(32.5)
>>> tempC.to_fahrenheit()
90.5
>>> tc1.Celsius()
Traceback (most recent call last):
  File "<input>", line 1, in <module>
NameError: name 'tc1' is not defined
>>> tc1 = Celsius()
```

```
>>> tC1.setTemperature(-320)
Traceback (most recent call last):
  File "<input>", line 1, in <module>
  File "<input>", line 10, in setTemperature
ValueError: Temperature below -273 is not possible
```