Problem Wk.1.3.3: Transcript

Below is a transcript of a session with the Python shell. This means that we are doing each of the statements in sequence, so for example, previous definitions and assignments are still in effect.

Provide the value of the expressions being evaluated and the type of the resulting value.

- If evaluating an expression would cause an error, select noneType and write error in the box.
- If the value is None, select noneType and enter None.
- If the value of an expression is a procedure or class, select the appropriate type and also write the name of the procedure or class in the box, as appropriate.
- If the value is an instance, write the Class name in the box.
- Select the appropriate type for integers, floats and lists and enter the value.

1. ```
>>> class Car:
    weight = 1000
    def __init__(self, weight, driver):
        self.weight = weight
        self.driver = driver

>>> class Person:
    weight = 100
    def __init__(self, weight):
        self.weight = weight

>>> Person
noneType
int
float
boolean
procedure
class
instance
```

2. ```
>>> p = Person(150)

>>> p
noneType
```

3. ```
>>> c = Car(2000, p)

>>> Car.weight
noneType
```

4. ```
>>> c.weight
noneType
```

5. ```
>>> c.driver.weight
noneType
```