

HW-WEEK6-#BaharSohrabi

```
class Car():

    def __init__(self, make, model, year):
        self.make = make
        self.model = model
        self.year = year
        self.odometer_reading = 0

    def get_descriptive_name(self):
        long_name = str(self.year) + ' ' + self.make + ' ' +
            self.model
        return long_name.title()

    def read_odometer(self):
        print("This car has " + str(self.odometer_reading) + "
            miles on it.")

    def update_odometer(self, mileage):
        if mileage >= self.odometer_reading:
            self.odometer_reading = mileage
        else:
            print("You can't roll back an odometer!")

    def increment_odometer(self, miles):
        self.odometer_reading += miles
```

```
class Car():  
    --snip--
```

```
class Battery():  
    def __init__(self, battery_size=60):  
        self.battery_size = battery_size  
  
    def describe_battery(self):  
        print("This car has a " + str(self.battery_size) + "-kWh  
        battery.")  
  
    def get_range(self):  
        if self.battery_size == 70:  
            range = 240  
        elif self.battery_size == 85:  
            range = 270  
  
        message = "This car can go approximately " + str(range)  
        message += " miles on a full charge."  
        print(message)
```

```
class ElectricCar(Car):  
  
    def __init__(self, make, model, year):  
        super().__init__(make, model, year)  
        self.battery = Battery()
```