

## Assignment: Add Properties to a Class

### Welcome to this Mini Project.

For this assignment, you will answer the following questions.

#### ♦ Questions:

- Explain why the **@property** decorator is recommended in Python over getters, setters, and **property()**.
- Modify the following class to work with properties.
  - First, make all the attributes non-public.
  - Then, define getters and setters for the three attributes.
  - Finally, write two versions of the class: one with the **property()** function and another one with the **@property** decorator.

```
class BouncyBall:

    def __init__(self, price, size, brand):
        self.price = price
        self.size = size
        self.brand = brand
```

#### ♦ Solution:

You can find a sample solution in the "Instructor example" tab.