



Use the Shirt Class

You've seen what a class looks like and how to instantiate an object. Now it's your turn to write code that instantiates a shirt object.

Explanation of the Code

This Jupyter notebook is inside of a folder called 1.OOP_syntax_shirt_practice. You can see the folder if you click on the "Jupyter" logo above the notebook. Inside the folder are three files:

- shirt_exercise.ipynb, which is the file you are currently looking at
- answer.py containing answers to the exercise
- tests.py, tests for checking your code - you can run these tests using the last code cell at the bottom of this notebook

Your Task

The shirt_exercise.ipynb file, which you are currently looking at if you are reading this, has an exercise to help guide you through coding with an object in Python.

Fill out the TODOs in each section of the Jupyter notebook. You can find a solution in the answer.py file.

First, run this code cell below to load the Shirt class.

```
In [2]: class Shirt:

    def __init__(self, shirt_color, shirt_size, shirt_style, shirt_price):
        self.color = shirt_color
        self.size = shirt_size
        self.style = shirt_style
        self.price = shirt_price

    def change_price(self, new_price):

        self.price = new_price

    def discount(self, discount):

        return self.price * (1 - discount)
```

```
In [3]: ### TODO:
```