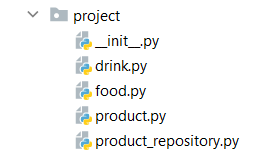
## Shop

*Maria is expanding her business and today she is opening a grocery shop. You are hired to write a program which keeps track of the shop's inventory.*

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In the **product.py** file the class **Product** should be implemented. It is a **base class** for any type of food and drink.

The class should receive **name: str** and **quantity: int** upon **initialization**.It should also have two methods:

* **decrease(quantity: int)** – decreases the quantity of the product only if there is enough
* **increse(quantity: int)** – increases the quantity of the product with the given one

In the file **drink.py** the class **Drink** should be implemented. The class should **inherit** from the **Product** class. An instance of the **Drink** class will have **name** and **quantity** of **10**.

In the **food.py** file the **Food** class should be implemented. The class should **inherit** from the **Product** class. An instance of the **Food** class will have **name** and **quantity** of **15**.

In the **product\_repository.py** file the class **ProductRepository** should be implemented. It is a **repository** for all the **products** that are delivered to the grocery shop.

The class should have **products:** **list** – **empty** list upon initialization that will contain **all products** (objects). Also, the class should have 3 instance methods:

* add(product: Product) - adds a product to the repository
* find(product\_name: str) - returns a product (object) with that name
* remove(product\_name) - removes a product from the repository
* \_\_repr\_\_ - returns an information for all the product in the repository in the format:

"{product\_name1}: {quantity1}

{product\_name2}: {quantity2}

…

{product\_nameN}: {quantityN}"