

Mini Project Week 1

In this week we'll be building out the foundation of your app, in particular, the UI aspect. This will make use of your ability to print to the screen, clear the screen, accept user input, and create a basic `list` data structure.

Try to make good use of functions for repetitive tasks.

As a user I want to:

- create a product and add it to a list
- view all products
- STRETCH update or delete a product

Spec

- A `product` should just be a `string` containing its name, i.e: `"Mocha"`
- A list of `products` should be a list of `strings`, i.e: `["Mocha, Americano"]`

Pseudo Code

```
# add some product names
CREATE products list
PRINT main menu options
GET user input for main menu option

IF user input is 0:
    EXIT app

# products menu
ELSE IF user input is 1:

    PRINT product menu options
    GET user input for product menu option

    IF user input is 0:
        RETURN to main menu

    ELSE IF user input is 1:
        PRINT products list

    ELSE IF user input is 2:

        # CREATE new product
        GET user input for product name
        APPEND product name to products list

    ELSE IF user input is 3:

        #STRETCH GOAL - UPDATE existing product
```

```
PRINT product names with its index value
GET user input for product index value
GET user input for new product name
UPDATE product name at index in products list
```

ELSE IF user input is 4:

```
# STRETCH GOAL - DELETE product
```

```
PRINT products list
GET user input for product index value
DELETE product at index in products list
```

Example

Similar to this create a product and add it to a list view all products STRETCH update or delete a product Products Menu) App 1 - pmo Products 2 Create New Product Update Existing Product app.py Functions CLI Menu Receive Input Process Data Products Product Products Print Output CLI Output Data Store/Retrieve Data About Data White Coffee Coffee Cappuccino Python Data Structure Please make List Data Stored Products Data Type String Data Storage Product List