WK2

Now that our app can create and list products, it should be simple enough to do the same for couriers. We'll also dump our data into `.txt` files so we don't lose it. Try to ensure code that writes or reads from a text file is separated from the code that prints a list for example.

We'll also add a couple of basic unit tests.

Goals

As a user I want to:

- create a product or courier and add it to a list
- view all products or couriers
- persist my data
- *STRETCH* I want to be able to update or delete a product or courier

Spec

- A `product` should just be a `string` containing its name, i.e: `"Coke Zero"`
- A list of `products` should be a list of `strings`, i.e: `["Coke Zero"]`
- A `courier` should just be a `string` containing its name, i.e: `"John"`
- A list of `couriers` should be a list of `strings`, i.e: `["John"]`
- Data should be persisted to a `.txt` file on a new line for each `courier` or `product`, ie:

```
John
Claire
```

Pseudo Code

- START APP
- LOAD `COURIERS` AND `PRODUCTS` FROM TXT FILE
- SHOW LIST OF OPTIONS TO USER AND ACCEPT NUMERICAL INPUT
- IF USER ENTERS `0` THEN SAVE APP STATE TO `TXT` FILES AND EXIT APP
- IF USER ENTERS `1` THEN SHOW `PRODUCT` MENU
    - IF USER ENTERS `0` RETURN TO MAIN MENU
    - IF USER ENTERS `1` PRINT OUT `PRODUCTS` TO SCREEN
    - IF USER ENTER `2` CREATE NEW `PRODUCT`
    - ASK USER FOR THE `NAME` OF THE `PRODUCT`
    - APPEND THIS TO THE LIST OF `PRODUCTS`
    - *STRETCH* IF USER ENTERS `3` UPDATE `PRODUCT`
    - ASK USER TO SELECT A `PRODUCT` TO UPDATE OR `0` TO CANCEL
    - ASK USER FOR NEW `NAME` OF `PRODUCT`
    - REPLACE `PRODUCT` AT SELECTED `IDX` WITH NEW `NAME`
    - *STRETCH* IF USER ENTERS `4` DELETE `PRODUCT`
    - ASK USER TO SELECT A `PRODUCT` TO DELETE OR `0` TO CANCEL
    - REMOVE THIS ITEM FROM THE `PRODUCT` LIST
- IF USER ENTERS `2` THEN SHOW `COURIER` MENU
    - IF USER ENTERS `0` RETURN TO MAIN MENU
    - IF USER ENTERS `1` PRINT OUT `COURIERS` TO SCREEN
    - IF USER ENTER `2` CREATE NEW `COURIER`
    - ASK USER FOR THE `NAME` OF THE `COURIER`
    - APPEND THIS TO THE LIST OF `COURIERS`
    - *STRETCH* IF USER ENTERS `3` UPDATE `COURIER`
    - ASK USER TO SELECT A `COURIER` TO UPDATE OR `0` TO CANCEL
    - ASK USER FOR NEW `NAME` OF `COURIER`
    - REPLACE `COURIER` AT SELECTED `IDX` WITH NEW `NAME`
    - *STRETCH* IF USER ENTERS `4` DELETE `COURIER`
    - ASK USER TO SELECT A `COURIER` TO DELETE OR `0` TO CANCEL
    - REMOVE THIS ITEM FROM THE `COURIER` LIST