Shopping-R-Us-Checkout-System

Environment:

> Anaconda 3 with Python 3.7

Run the program:

> In root directory of this project, run `python checkout.py` in command line.
> Or, `right click 'checkout.py' -> Run 'checkout'` in PyCharm.

- Follow instructions after running the program:

  ```
  Input 'help' to read the instruction.
  Input 'run' to execute the main function.
  Input 'end' to exist this program.
  ```

- If input wrong commands, the program ends and must rerun the program.

Modify Config Data:

- Open `products_config.yaml` with any text editor.
- File structure:

  ```
  Products:
    [SKU]:
      name: [Name]
      price: [Price]
    ...
  Specials:
    - [Specials Rule]
    ...
  ```

- Contents inside brackets `[]` are modifiable, with some conditions:
    - i. Follow the format of current [Specials Rule] and [Price] must be numbers.
    - ii. For any non-digit attribute, quotes must be used (either single or double quotes).
- Explain the format of [Specials Rule]:
    - i. `"3 atv = 2 atv"` : 3 for 2 deal on Apple TVs.
    - ii. `"4 ipd = $499.99"` : the price of iPad will drop to $499.99 each, if someone buys more than 4.
    - iii. `"1 mbp > 1 vga"` : a free VGA adapter free of charge with every MacBook Pro sold.

Extra files

- Some screenshots are saved in the folder named `docs`.
- A PDF version of this README is also provided.