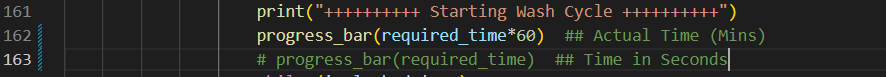
**Steps to run code**

1. Download / Clone “imda\_assessment” folder from Github
2. Navigate to q2 (e.g. cd YOUR\_PATH/q2)
3. Install dependencies with “pip install -r requirements.txt”
4. Run washing\_machine.py

Note:

* To make tests (washing time) quicker, please swap these lines 

**Design Rationale**

1. Class was created for washing types to organize and retrieve information easily
2. Did not implement OOP for other logics as felt it was unnecessary
3. Created print functions to make console legible
4. Left comments to guide and increase legibility of code (hope it helps!)

**Examples**

Main Page:

Text

Description automatically generated

*Technical Requirement 1:*

Press 0 to enter “Insert Coin(s)” Page and insert coins:

Text

Description automatically generated

*Technical Requirement 2:*

Press 1 to enter “Choose Washing Type” Page and choose washing type:

Text

Description automatically generated

*Technical Requirement 3:*

Press 2 to enter “Start Washing” Page and select either “Confirm Start Wash” or “Cancel & Refund”:

Graphical user interface

Description automatically generated

If [0] is chosen (Confirm Start Wash):

A picture containing graphical user interface

Description automatically generated

Note that if washing type is unchosen, will prompt user: A picture containing text

Description automatically generated

Note that if wallet is insufficient, will prompt user:

Graphical user interface

Description automatically generated with medium confidence

If [1] is chosen (Cancel & Refund):

Text

Description automatically generated

*Technical Requirement 4:*

Showcasing lock/unlock, progress bar and time left for washing

Graphical user interface, application

Description automatically generated

A screenshot of a computer

Description automatically generated with low confidence

*Technical Requirement 5:*

Press 3 to enter “Maintenance Info” Page and select either “Display balance and duration turned on” or “Reset Machine Statistics”:

Text

Description automatically generated

If [0] is chosen (Display balance and duration turned on):

Text

Description automatically generated

If [1] is chosen (Reset Machine Statistics):

Text

Description automatically generated

**Class Diagram**

Diagram

Description automatically generated