

Exercise 1

- Make the `Convert` button work using a MVP approach
- Use the provided functions from the `model.py` file

Exercise 2

- Add the Model class.
- Make `Convert` work for all input/output units

Exercise 3

- Add unit test for the presenter `Convert` action
- Mock the View objects that are read by the Presenter
- File is `test/test_tof_convert_presenter.py`

Exercise 4

- Comment the following lines in view.py
 - ``history.setVisible``
 - ``historyLabel.setVisible``
- If you start the TofConverter a new widget will show up
- It stores the previous conversions. Happens on ``Convert`` click.
- How will you implement the widget?

Exercise 5

- Allow the user to double click an entry in the history to load that value back into the view.
- Allow deletion of items with a `-` (minus) button

Exercise 6

- Unit test / mock the History widget
- Scattering angle and Flight Path should be disabled by default - `setDisabled(True)`
 - If Momentum or d-spacing are selected as either input or output enable `scattering angle` field
 - If Time of Flight is selected, enable `Total flight path` field