

Name:

Student ID:

219114/115 Programming I

## Final Examination

11 December 2018

### Instruction

#### Part I:

- Download the file final\_proc\_template.py to your computer
- Run:

```
python3 -m doctest final_proc_template.py
```

- You will discover that all cases fail as there is no implementation to any of the functions. Your job is to fill in the appropriate code for the functions in this file.
- After you are done, run:

```
python3 -m doctest final_proc_template.py
```

If there are no errors being reported, you are done with Part I.

#### Part II:

- Download the file final\_obj\_template.py to your computer
- Complete the code for the Person class
- Run:

```
python3 final_obj_template.py
```

- The correct output is as follows:

```
2018-12-11
11 12 2018
Frederick Brooks 1931-04-19
Barack Hussein Obama 1961-08-04
Barbara Jane Liskov 1939-11-07
Brooks
Obama
Liskov
Frederick Brooks is 87 years old
Barack Hussein Obama is 57 years old
Barbara Jane Liskov is 79 years old
```