

SWINBURNE UNIVERSITY OF TECHNOLOGY

2021 SEM 1 INTRODUCTION TO PROGRAMMING

DOUBTFIRE SUBMISSION

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# Test Harness

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```
1  # tester_demo.rb
2  require "minitest/autorun"
3  require_relative "student"
4
5  class StudentTest < Minitest::Test
6
7    def test_student_id_is_integer
8      assert_kind_of Integer, get_student_id(2)
9    end
10
11    # insert a test here for the finding the correct student for id 300
12    def test_student_id_is_student
13      assert "Jill", get_student_name_for_id(300)
14    end
15    # insert a test here for returning "Not Found" for student with id 800
16    def get_student_id_is_error
17      assert "Not Found", get_student_name_for_id(300)
18
19    end
20    # insert a test here for finding the correct student name for array position 0
21    def get_student_name_for_position
22      assert "Fred", get_student_name(0)
23
24    end
25
26  end
```

```
PS D:\COS10009\CODE\LAB12> ruby tester_demo.rb
100
Jenny
Jill
Run options: --seed 54105

# Running:

..

Finished in 0.003764s, 531.4202 runs/s, 531.4202 assertions/s.

2 runs, 2 assertions, 0 failures, 0 errors, 0 skips
PS D:\COS10009\CODE\LAB12> 
```