Evidence for Project Unit

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P. 1 Github Contributors page

Evidence for unit

P. 2 Project Brief

Evidence for unit

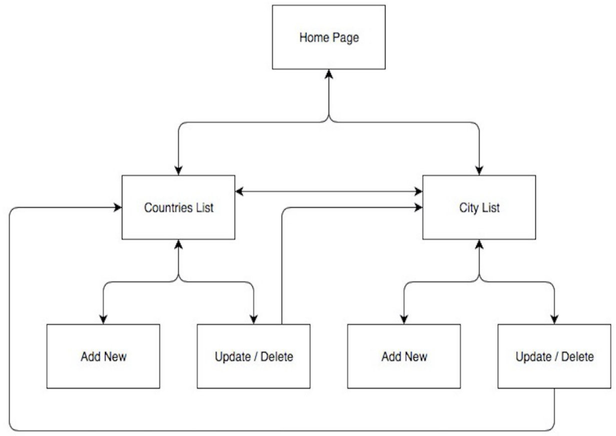
P. 3 Use of Trello

Evidence for unit

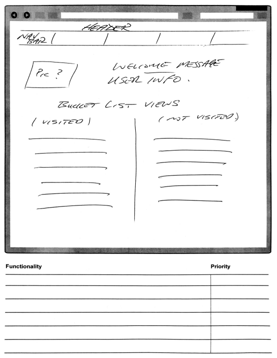
P. 4 Acceptance Criteria

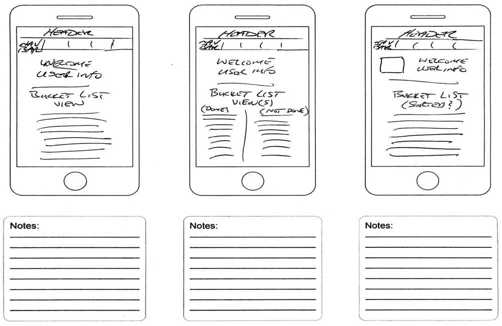
Evidence for unit

P. 5 User sitemap



P. 6 Wireframes designs





P. 7 System interactions diagrams

Evidence for unit	Evidence for unit

P. 8 Two Object Diagrams

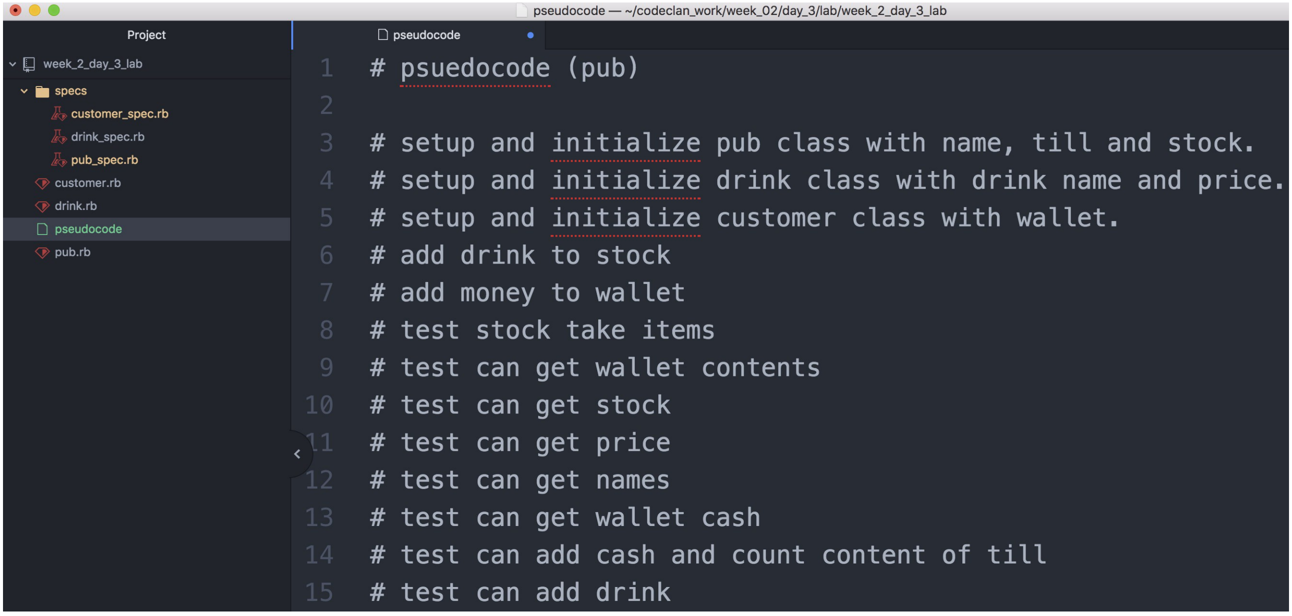
Evidence for unit Evidence for unit

P. 9 Choice of two algorithms (find the algorithms on a program you might have written, show the code you have used.)

On this example please take a screenshot and write what it is doing and why you decided to use it.

P. 10 Example of Pseudocode

Evidence for unit



```
# psuedocode (pub)

# setup and initialize pub class with name, till and stock.
# setup and initialize drink class with drink name and price.
# setup and initialize customer class with wallet.
# add drink to stock
# add money to wallet
# test stock take items
# test can get wallet contents
# test can get stock
# test can get price
# test can get names
# test can get wallet cash
# test can add cash and count content of till
# test can add drink
```

P. 11 Github link to one of your projects

P. 12 Screenshot of your planning and the different stages of development to show changes.

Evidence for unit

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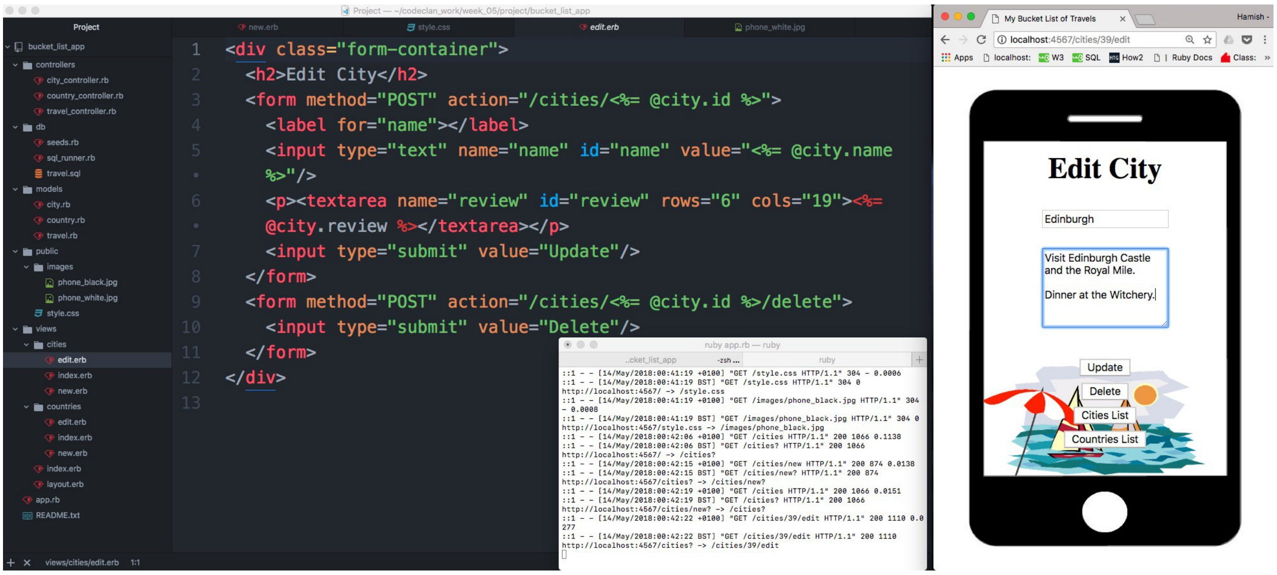
P. 13 User input

User inputs and edits a City, adding places to visit.


Project — ~/codeclan_work/week_05/project/bucket_list_app
Project
new.erb
style.css
edit.erb
phone_white.jpg
views/cities/edit.erb 1:1
My Bucket List of Travels
localhost:4567/cities/39/edit
Edit City
Update
Delete
Cities List
Countries List

```
<div class="form-container">
  <h2>Edit City</h2>
  <form method="POST" action="/cities/<%= @city.id %>">
    <label for="name"></label>
    <input type="text" name="name" id="name" value="<%= @city.name %>"/>
    <p><textarea name="review" id="review" rows="6" cols="19"><%= @city.review %></textarea></p>
    <input type="submit" value="Update"/>
  </form>
  <form method="POST" action="/cities/<%= @city.id %>/delete">
    <input type="submit" value="Delete"/>
  </form>
</div>
```

```
::1 - - [14/May/2018:00:41:19 +0100] "GET /style.css HTTP/1.1" 304 - 0.0006
::1 - - [14/May/2018:00:41:19 BST] "GET /style.css HTTP/1.1" 304 0
http://localhost:4567/ -> /style.css
::1 - - [14/May/2018:00:41:19 +0100] "GET /images/phone_black.jpg HTTP/1.1" 304
- 0.0008
::1 - - [14/May/2018:00:41:19 BST] "GET /images/phone_black.jpg HTTP/1.1" 304 0
http://localhost:4567/style.css -> /images/phone_black.jpg
::1 - - [14/May/2018:00:42:06 +0100] "GET /cities HTTP/1.1" 200 1066 0.1138
::1 - - [14/May/2018:00:42:06 BST] "GET /cities? HTTP/1.1" 200 1066
http://localhost:4567/ -> /cities?
::1 - - [14/May/2018:00:42:15 +0100] "GET /cities/new HTTP/1.1" 200 874 0.0138
::1 - - [14/May/2018:00:42:15 BST] "GET /cities/new? HTTP/1.1" 200 874
http://localhost:4567/cities? -> /cities/new?
::1 - - [14/May/2018:00:42:19 +0100] "GET /cities HTTP/1.1" 200 1066 0.0151
::1 - - [14/May/2018:00:42:19 BST] "GET /cities? HTTP/1.1" 200 1066
http://localhost:4567/cities/new? -> /cities?
::1 - - [14/May/2018:00:42:22 +0100] "GET /cities/39/edit HTTP/1.1" 200 1110 0.0
277
::1 - - [14/May/2018:00:42:22 BST] "GET /cities/39/edit HTTP/1.1" 200 1110
http://localhost:4567/cities? -> /cities/39/edit
```

Edinburgh

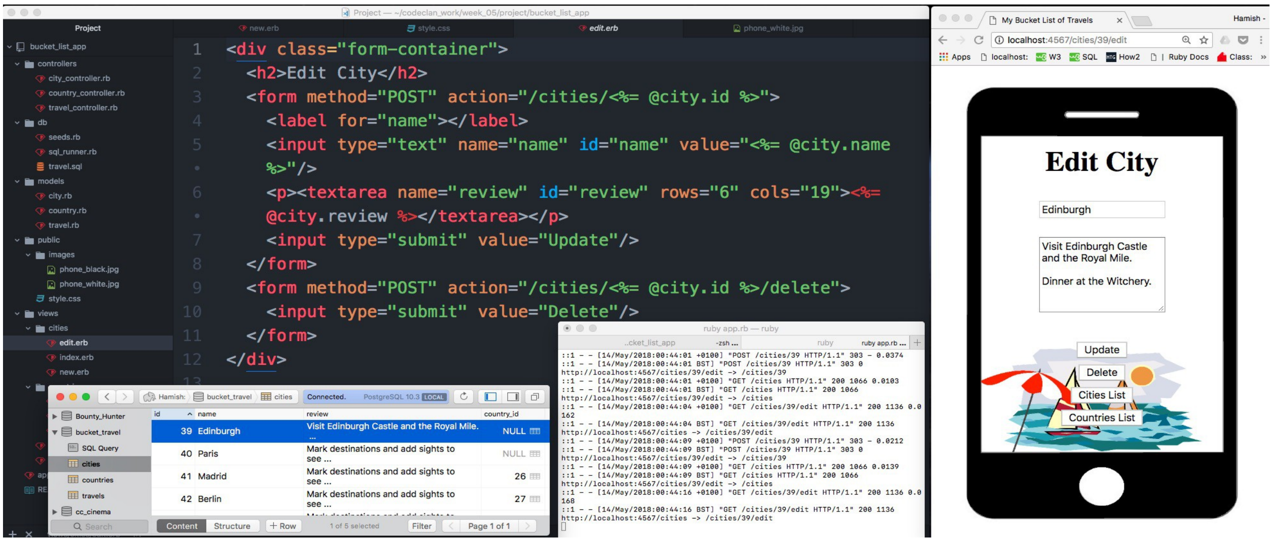
Visit Edinburgh Castle and the Royal Mile.

Dinner at the Witchery.

P. 14 Interaction with data persistence

Make sure you show the input being added.

User inputs a City, adds places to visit and saves the information which is then added to the database as shown.



```
<div class="form-container">
  <h2>Edit City</h2>
  <form method="POST" action="/cities/<%= @city.id %>">
    <label for="name"></label>
    <input type="text" name="name" id="name" value="<%= @city.name %>"/>
    <p><textarea name="review" id="review" rows="6" cols="19"><%= @city.review %></textarea></p>
    <input type="submit" value="Update"/>
  </form>
  <form method="POST" action="/cities/<%= @city.id %>/delete">
    <input type="submit" value="Delete"/>
  </form>
</div>
```

id	name	review	country_id
39	Edinburgh	Visit Edinburgh Castle and the Royal Mile. ...	NULL
40	Paris	Mark destinations and add sights to see ...	NULL
41	Madrid	Mark destinations and add sights to see ...	26
42	Berlin	Mark destinations and add sights to see ...	27

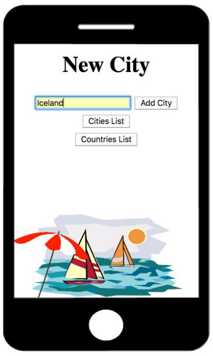
```
::1 - - [14/May/2018:00:44:01 +0100] "POST /cities/39 HTTP/1.1" 303 - 0.0374
::1 - - [14/May/2018:00:44:01 BST] "POST /cities/39 HTTP/1.1" 303 0
http://localhost:4567/cities/39/edit -> /cities/39
::1 - - [14/May/2018:00:44:01 +0100] "GET /cities HTTP/1.1" 200 1066 0.0103
::1 - - [14/May/2018:00:44:01 BST] "GET /cities HTTP/1.1" 200 1066
http://localhost:4567/cities/39/edit -> /cities
::1 - - [14/May/2018:00:44:04 +0100] "GET /cities/39/edit HTTP/1.1" 200 1136 0.0
162
::1 - - [14/May/2018:00:44:04 BST] "GET /cities/39/edit HTTP/1.1" 200 1136
http://localhost:4567/cities -> /cities/39/edit
::1 - - [14/May/2018:00:44:09 +0100] "POST /cities/39 HTTP/1.1" 303 - 0.0212
::1 - - [14/May/2018:00:44:09 BST] "POST /cities/39 HTTP/1.1" 303 0
http://localhost:4567/cities/39/edit -> /cities/39
::1 - - [14/May/2018:00:44:09 +0100] "GET /cities HTTP/1.1" 200 1066 0.0139
::1 - - [14/May/2018:00:44:09 BST] "GET /cities HTTP/1.1" 200 1066
http://localhost:4567/cities/39/edit -> /cities
::1 - - [14/May/2018:00:44:16 +0100] "GET /cities/39/edit HTTP/1.1" 200 1136 0.0
168
::1 - - [14/May/2018:00:44:16 BST] "GET /cities/39/edit HTTP/1.1" 200 1136
http://localhost:4567/cities -> /cities/39/edit
```

Edinburgh

Visit Edinburgh Castle and the Royal Mile.

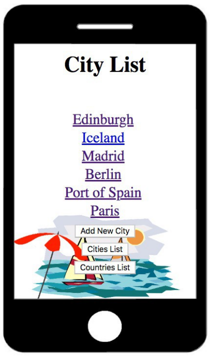
Dinner at the Witchery.

P. 15 User output result



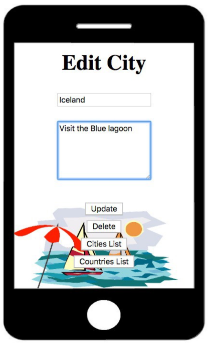
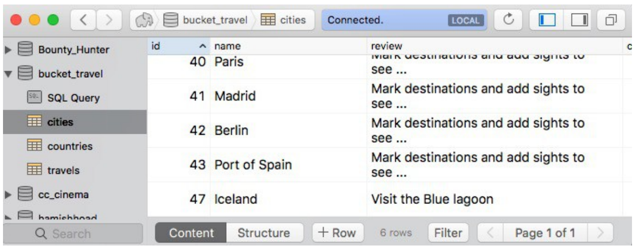
New City

Iceland



City List

Edinburgh
Iceland
Madrid
Berlin
Port of Spain
Paris

User inputs information and clicks add city which adds information to the database.	The system then returns a list of cities showing the new city has been added to the database.
 Edit City Iceland Visit the Blue lagoon Update Delete Cities List Countries List The user can then update (or delete) city information, such as a place to visit.	 The information is then added to the database as shown in the above tables.

id	name	review
40	Paris	Mark destinations and add sights to see ...
41	Madrid	Mark destinations and add sights to see ...
42	Berlin	Mark destinations and add sights to see ...
43	Port of Spain	Mark destinations and add sights to see ...
47	Iceland	Visit the Blue lagoon

P. 16 Bug tracking report showing the errors diagnosed and corrected.

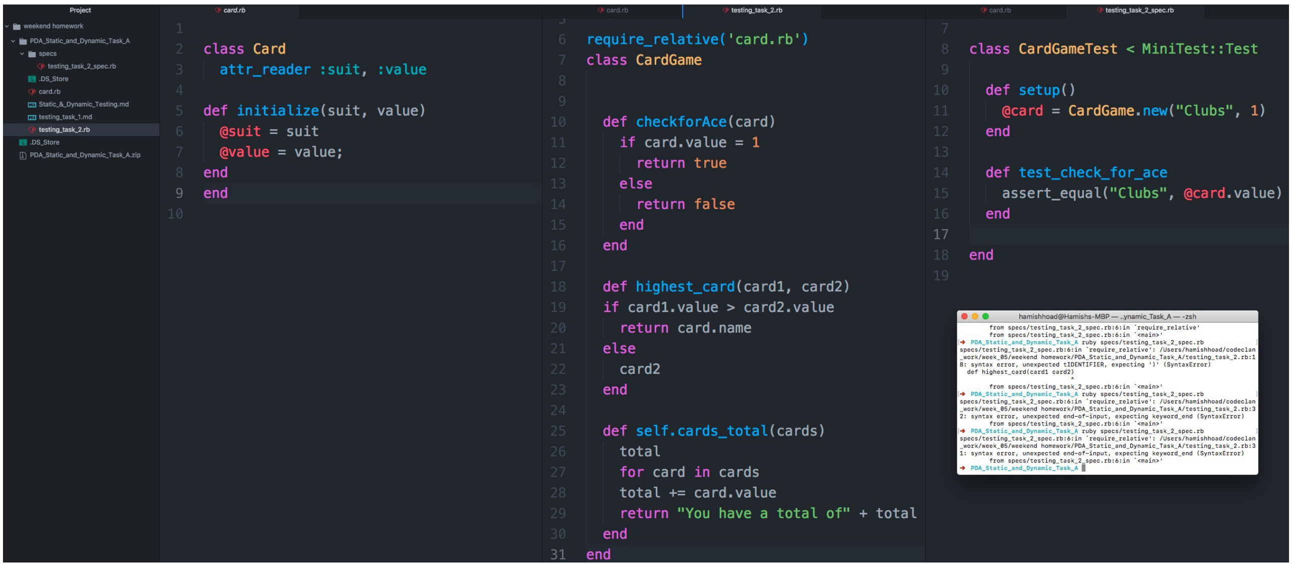
Evidence for unit

P. 17 Testing your program

Show the test code, the test not passing.....and then the test fixed.

Example of test code

with the test NOT passing



```ruby

class Card
  attr_reader :suit, :value

def initialize(suit, value)
  @suit = suit
  @value = value;
end
end

```

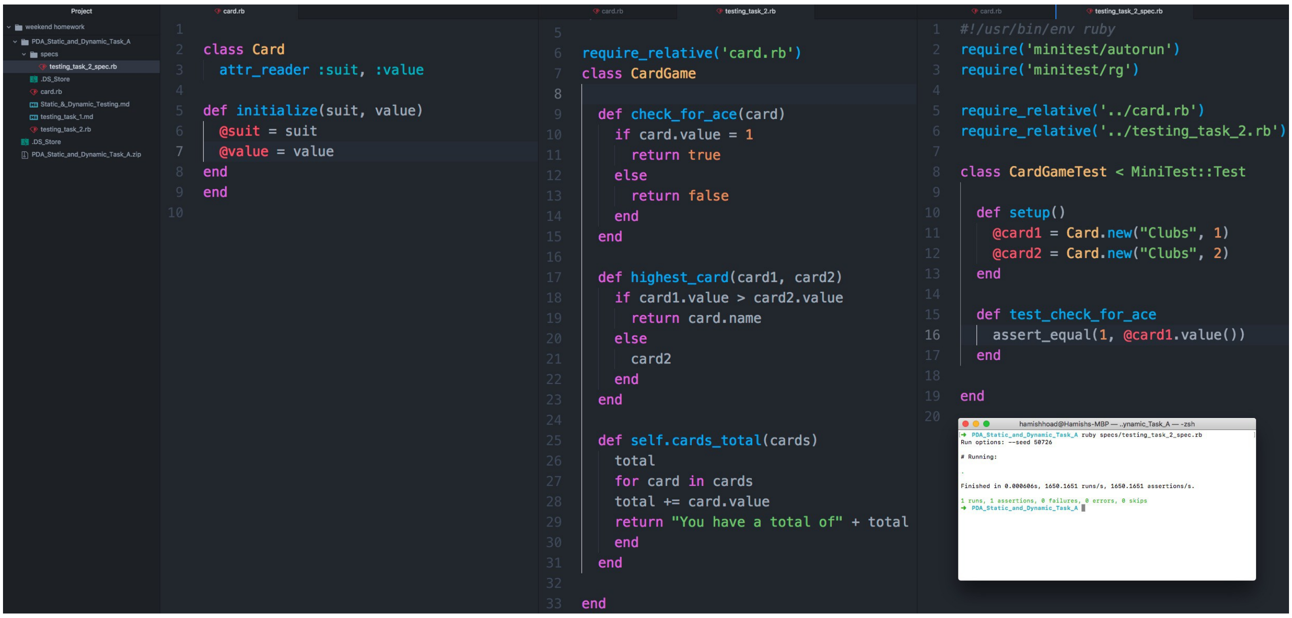
```ruby
require_relative('card.rb')
class CardGame


  def checkforAce(card)
    if card.value = 1
      return true
    else
      return false
    end
  end

  def highest_card(card1, card2)
  if card1.value > card2.value
    return card.name
  else
    card2
  end

  def self.cards_total(cards)
    total
    for card in cards
    total += card.value
    return "You have a total of" + total
  end
end
```

```ruby

class CardGameTest < MiniTest::Test

  def setup()
    @card = CardGame.new("Clubs", 1)
  end

  def test_check_for_ace
    assert_equal("Clubs", @card.value)
  end

end

```

```
hamishhoad@Hamishs-MBP — ..ynamic_Task_A — -zsh
        from specs/testing_task_2_spec.rb:6:in `require_relative'
        from specs/testing_task_2_spec.rb:6:in `<main>'
➜  PDA_Static_and_Dynamic_Task_A ruby specs/testing_task_2_spec.rb
specs/testing_task_2_spec.rb:6:in `require_relative': /Users/hamishhoad/codeclan
_work/week_05/weekend homework/PDA_Static_and_Dynamic_Task_A/testing_task_2.rb:1
8: syntax error, unexpected tIDENTIFIER, expecting ')' (SyntaxError)
  def highest_card(card1 card2)
                         ^
        from specs/testing_task_2_spec.rb:6:in `<main>'
➜  PDA_Static_and_Dynamic_Task_A ruby specs/testing_task_2_spec.rb
specs/testing_task_2_spec.rb:6:in `require_relative': /Users/hamishhoad/codeclan
_work/week_05/weekend homework/PDA_Static_and_Dynamic_Task_A/testing_task_2.rb:3
2: syntax error, unexpected end-of-input, expecting keyword_end (SyntaxError)
        from specs/testing_task_2_spec.rb:6:in `<main>'
➜  PDA_Static_and_Dynamic_Task_A ruby specs/testing_task_2_spec.rb
specs/testing_task_2_spec.rb:6:in `require_relative': /Users/hamishhoad/codeclan
_work/week_05/weekend homework/PDA_Static_and_Dynamic_Task_A/testing_task_2.rb:3
1: syntax error, unexpected end-of-input, expecting keyword_end (SyntaxError)
        from specs/testing_task_2_spec.rb:6:in `<main>'
➜  PDA_Static_and_Dynamic_Task_A
```

Example of test code

with the test then passing



```ruby

class Card
  attr_reader :suit, :value

def initialize(suit, value)
  @suit = suit
  @value = value
end
end

```

```ruby

require_relative('card.rb')
class CardGame

  def check_for_ace(card)
    if card.value = 1
      return true
    else
      return false
    end
  end

  def highest_card(card1, card2)
    if card1.value > card2.value
      return card.name
    else
      card2
    end
  end

  def self.cards_total(cards)
    total
    for card in cards
    total += card.value
    return "You have a total of" + total
    end
  end

end
```

```ruby
#!/usr/bin/env ruby
require('minitest/autorun')
require('minitest/rg')

require_relative('../card.rb')
require_relative('../testing_task_2.rb')

class CardGameTest < MiniTest::Test

  def setup()
    @card1 = Card.new("Clubs", 1)
    @card2 = Card.new("Clubs", 2)
  end

  def test_check_for_ace
    assert_equal(1, @card1.value())
  end

end

```

```
➜  PDA_Static_and_Dynamic_Task_A ruby specs/testing_task_2_spec.rb
Run options: --seed 50726

# Running:

.

Finished in 0.000606s, 1650.1651 runs/s, 1650.1651 assertions/s.

1 runs, 1 assertions, 0 failures, 0 errors, 0 skips
➜  PDA_Static_and_Dynamic_Task_A
```