I & T - Static and Dynamic Testing

- Screenshot of tests and test not running

```ruby
require("minitest/autorun")
require("minitest/rg")

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

class TestingTask2Test < MiniTest::Test

  def setup

    @card1 = Card.new("hearts", 1)
    @card2 = Card.new("hearts", 2)
    @card3 = Card.new("diamonds", 1)

    @cards = [@card1, @card2]

  end

  def test_check_for_ace
    assert_equal(true, CardGame.check_for_ace(@card1))
  end

  def test_highest_card__card2_higher
    assert_equal("2 of hearts is the highest", CardGame.highest_card(@card1, @card2))
  end

  def test_highest_card__card1_higher
    assert_equal("2 of hearts is the highest", CardGame.highest_card(@card2, @card1))
  end

  def test_highest_card__cards_equal
    assert_equal("1 of hearts is equal to 1 of diamonds", CardGame.highest_card(@card1, @card3))
  end

  def test_cards_total
    assert_equal("You have a total of 2 cards", CardGame.cards_total(@cards))
  end

end
```

```
➜  PDA_Static_and_Dynamic_Task_A git:(master) ✗ ruby spe
cs/testing_task_2_spec.rb
Traceback (most recent call last):
        1: from specs/testing_task_2_spec.rb:5:in `<main
>'
specs/testing_task_2_spec.rb:5:in `require_relative': /U
sers/user/codeclan_work/joe_stafford_pda/PDA_Static_and_
Dynamic_Task_A/testing_task_2.rb:20: Invalid return in c
lass/module body (SyntaxError)
    return card.name
    ^~~~~~
/Users/user/codeclan_work/joe_stafford_pda/PDA_Static_an
d_Dynamic_Task_A/testing_task_2.rb:25: syntax error, une
xpected keyword_end, expecting end-of-input
```

Screenshot of tests, fixed classes and tests passing

| testing_task_2_spec.rb | testing_task_1.md | testing_task_2.rb | card.rb |

```ruby
1   require("minitest/autorun")
2   require("minitest/rg")
3
4   require_relative('../card.rb')
5   require_relative('../testing_task_2.rb')
6
7   class TestingTask2Test < MiniTest::Test
8
9     def setup
10
11      @card1 = Card.new("hearts", 1)
12      @card2 = Card.new("hearts", 2)
13      @card3 = Card.new("diamonds", 1)
14
15      @cards = [@card1, @card2]
16
17    end
18
19    def test_check_for_ace
20      assert_equal(true, CardGame.check_for_ace(@card1))
21    end
22
23    def test_highest_card__card2_higher
24      assert_equal("2 of hearts is the highest", CardGame.highest_card(@card1, @card2))
25    end
26
27    def test_highest_card__card1_higher
28      assert_equal("2 of hearts is the highest", CardGame.highest_card(@card2, @card1))
29    end
30
31    def test_highest_card__cards_equal
32      assert_equal("1 of hearts is equal to 1 of diamonds", CardGame.highest_card(@card1, @card3))
33    end
34
35    def test_cards_total
36      assert_equal("You have a total of 2 cards", CardGame.cards_total(@cards))
37    end
38
39  end
```

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

class CardGame

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

  def self.highest_card(card1, card2)
    if card1.value > card2.value
      return "#{card1.value} of #{card1.suit} is the highest"
    elsif card1.value == card2.value
      return "#{card1.value} of #{card1.suit} is equal to #{card2.value} of #{card2.suit}"
    end
    return "#{card2.value} of #{card2.suit} is the highest"
  end

  def self.cards_total(cards)
    total = cards.count
    return "You have a total of #{total} cards"
  end

end
```

```
→  PDA_Static_and_Dynamic_Task_A git:(master) × ruby spe
cs/testing_task_2_spec.rb
Run options: --seed 61141

# Running:

.....

Finished in 0.001176s, 4251.7003 runs/s, 4251.7003 asser
tions/s.

5 runs, 5 assertions, 0 failures, 0 errors, 0 skips
```