Lab 4.6 Cucumber with Ruby

This section will guide you to:

* Use cucumber and write the scenario using Gherkin language.
* Write the first step definition in Ruby.
* Confirm the output of cucumber with the positive result.

This lab has 3 subsections:

* + 1. See scenario reported as undefined.
    2. See scenario reported as failing.
    3. See scenario reported as passing.

To confirm if Ruby is installed successfully, execute the following commands:



Create an empty cucumber project, and empty the Ruby project.



Create a “gemfile” with the following code:

source "https://rubygems.org"

group :test do

gem 'cucumber', '~> 3.1.0'

gem 'rspec', '~> 3.7.0'

end

Install cucumber, and prepare the file structure.



Verify cucumber installation by running “**cucumber**” in the terminal, and you should be able to see the following output:



Create a file **features/is\_it\_friday\_yet.feature** with the following code:

Feature: Is it Friday yet?

Everybody wants to know when it's Friday

Scenario: Sunday isn't Friday

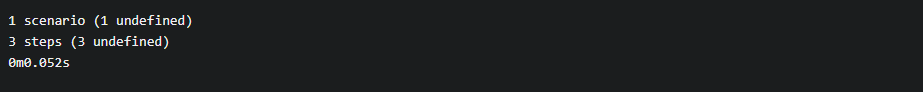
Given today is Sunday

When I ask whether it's Friday yet

Then I should be told "Nope"

**Step 4.6.1 :** See scenario reported as undefined.

Execute the “**cucumber**” command in the terminal. You should be able to confirm the following output.



**Step 4.6.2 :** See scenario reported as failing.

Create the file **features/step\_definitions/Stepdefs.rb** if it is not already created, and add the following code:

module FridayStepHelper

def is\_it\_friday(day)

end

end

World FridayStepHelper

Given("today is Sunday") do

@today = 'Sunday'

end

When("I ask whether it's Friday yet") do

@actual\_answer = is\_it\_friday(@today)

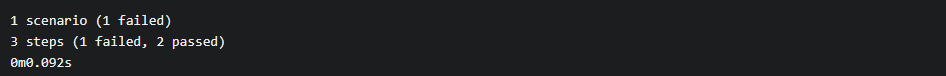
end

Then("I should be told {string}") do |expected\_answer|

expect(@actual\_answer).to eq(expected\_answer)

end

Run the **“cucumber”** command in the terminal to confirm the following output:



Step **4.6.3 :** See scenario reported as passed.

Add **return ‘Nope’;** to the code available in the step definitionfile.

def is\_it\_friday(day)

'Nope'

end

Run the cucumber and confirm the following output:

