

# Top 15 Cucumber Interview Questions & Answers

## 1) What is Cucumber and what are the advantages of Cucumber?

To run functional tests written in a plain text Cucumber tool is used. It is written in a Ruby programming language.

### Advantages of Cucumber

- You can involve business stakeholders who can not code
- End user experience is priority
- High code reuse

## 2) What are the 2 files required to execute a Cucumber test scenario?

The 2 files required to execute a Cucumber test scenario are

- Features
- Step Definition

## 3) What is feature file in Cucumber? What does feature file consist of ?

Feature file in cucumber consist of parameters or conditions required for executing code, they are

- Feature
- Scenario
- Scenario Outline
- Given
- When
- Then

## 4) Give an example of behaviour driven test in plain text?

- **Feature:** Visit XYZ page in abc.com
- **Scenario :** Visit abc.com
- **Given:** I am on abc.com
- **When:** I click on XYZ page
- **Then:** I should see ABC page

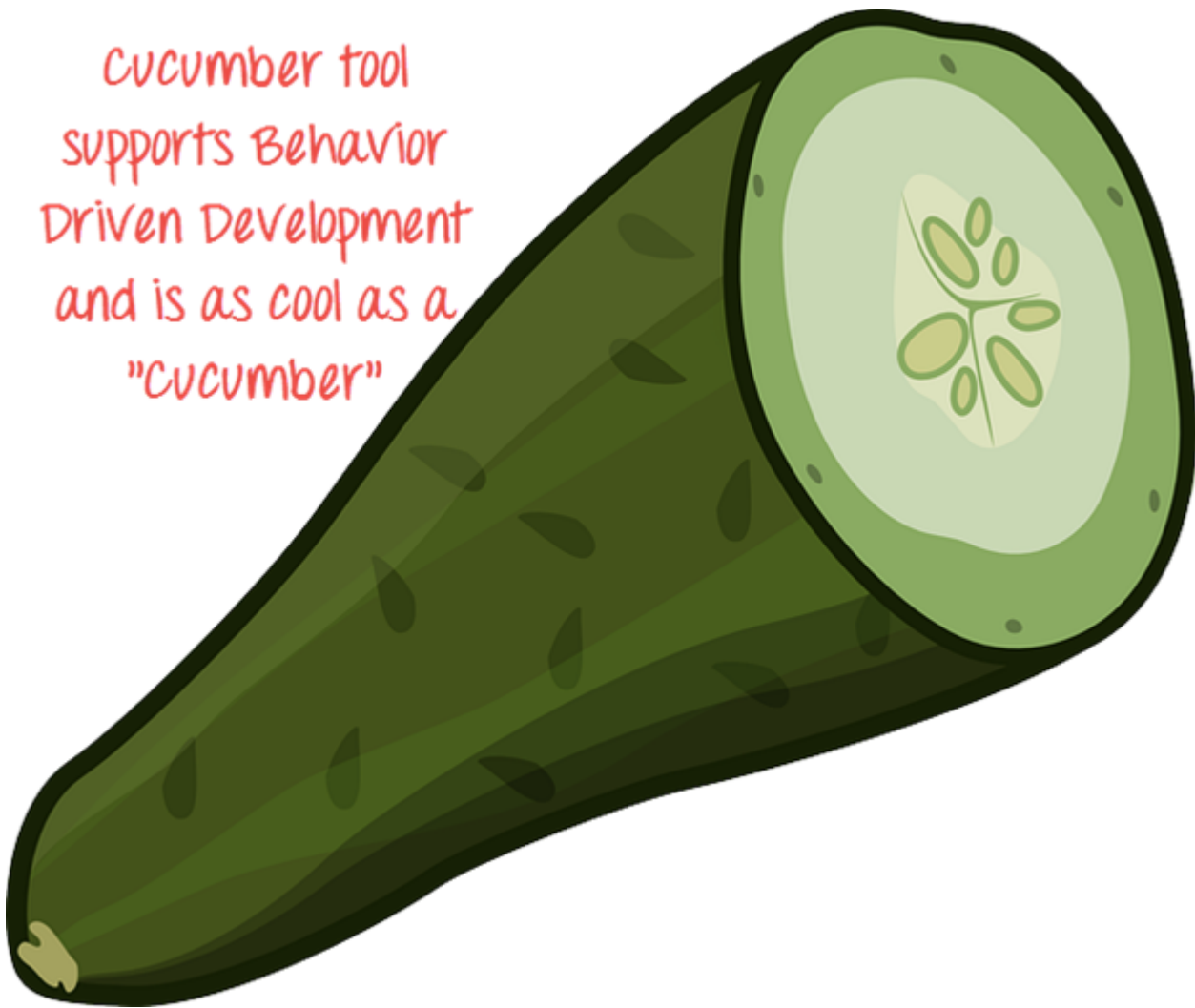
## 5) Explain what is Scenario Outline in feature file?

**Scenario Outline:** Same scenario can be executed for multiple sets of data using scenario outline. The data is provided by a tabular structure separated by (| |).

## 6) What is step definition in Cucumber?

A step definition is the actual code implementation of the feature mentioned in feature file.

Cucumber tool  
supports Behavior  
Driven Development  
and is as cool as a  
"Cucumber"



### 7) Give the example for step definition using "Given" function?

For example to make visitor visit the site "Yahoo" the command we use for given

```
Given (/^ I am on www.yahoo.com$/) do
```

```
Browser.goto "http://www.yahoo.com"
```

```
end - This will visit www.yahoo.com
```

### 8) What are the difference between Jbehave and Cucumber?

Although Cucumber and Jbehave are meant for the same purpose, acceptance tests are completely different frameworks

- Jbehave is Java based and Cucumber is Ruby based
- Jbehave are based on stories while Cucumber is based on features

### 9) Explain what is test harness?

A test harness for cucumber and rspec allows for separating responsibility between setting up the context and interacting with the browser and cleaning up the step definition files

### 10) Explain when to use Rspec and when to use Cucumber?

- Rspec is used for Unit Testing
- Cucumber is used behaviour driven development. Cucumber can be used for System and Integration Tests

**11) What is the language used for expressing scenario in feature file ?**

Gherkin language is used to express scenario in feature files and ruby files containing unobtrusive automation for the steps in scenarios

**12) Explain what is regular expressions?**

A regular expression is a pattern describing a certain amount of text. The most basic regular expression consists of a single literal character

**13) Explain what is BDD (Behaviour Driven Development) ?**

BDD or Behaviour driven development is a process of developing software based on TDD (Test Driven Development) which focusses on behavioural specification of software units.

**14) What software do you need to run a Cucumber Web Test ?**

- Ruby and its Development Kit
- Cucumber
- IDE like ActiveState
- Watir ( To simulate browser)
- Ansicon and rspec (if required)

**15) What does a features/ support file contains?**

Features/ support file contains supporting ruby code. Files in support load before those in step\_definitions, which can be useful for environment configuration.

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