

10. What are Hooks in cucumber?

- Cucumber hook allows us to better manage the code workflow and helps us to reduce the code redundancy. We can say that it is an unseen step, which allows us to perform our scenarios or tests.
- Class that uses
 - @Before → runs before each cucumber scenario
 - @After → runs after each scenario (It will always run no matter if scenario passes or fails)
- Class must be in same package as stepDefinition
- I implemented screenshots inside hook class
- Hook Class will not run if dryRun=true
- I use Scenario as a parameter in my before/after method

11. How do you take screenshots in cucumber?

- In my Aftermethod I use a code:
- I use TakeScreenShot interface
- You can store screenshot as a byte or file
 - @After

```
public void tearDown(Scenario scenario) {  
    if(scenario.isFailed()) {  
        //taking a screenshot  
        final byte[] screenshot = ((TakesScreenshot)  
                                   Driver.getDriver()).getScreenshotAs(OutputType.BYTES);  
        //adding the screenshot to the report  
        scenario.embed(screenshot, "image/png"); }  
}
```

12. How to run a Cucumber with DDT?

- I use Cucumber tables:
[| Home | Emails | Documents | Projects |](#)
- You get the method with (DataTable arg1)
- In the parameter DataTable you can change it to
[List<YourType>, List<List<E>>, List<Map<K,V>>, and Map<K,V>](#)
- Prints in order for list
- No order for map

13. What is Background?

- Cucumber has their own before method
- The one in hooks is for java
- A step that runs BEFORE a scenario inside the feature file
- Can only put on top, before all scenarios
- Cannot put pipelines in backgrounds (Only in scenario outline)

14. What is Scenario Outline? vs Scenario?

- Scenario in cucumber runs once.
- Used for data driven testing
- Have the same cucumber steps but we provide data after the scenario as a table using keyword examples