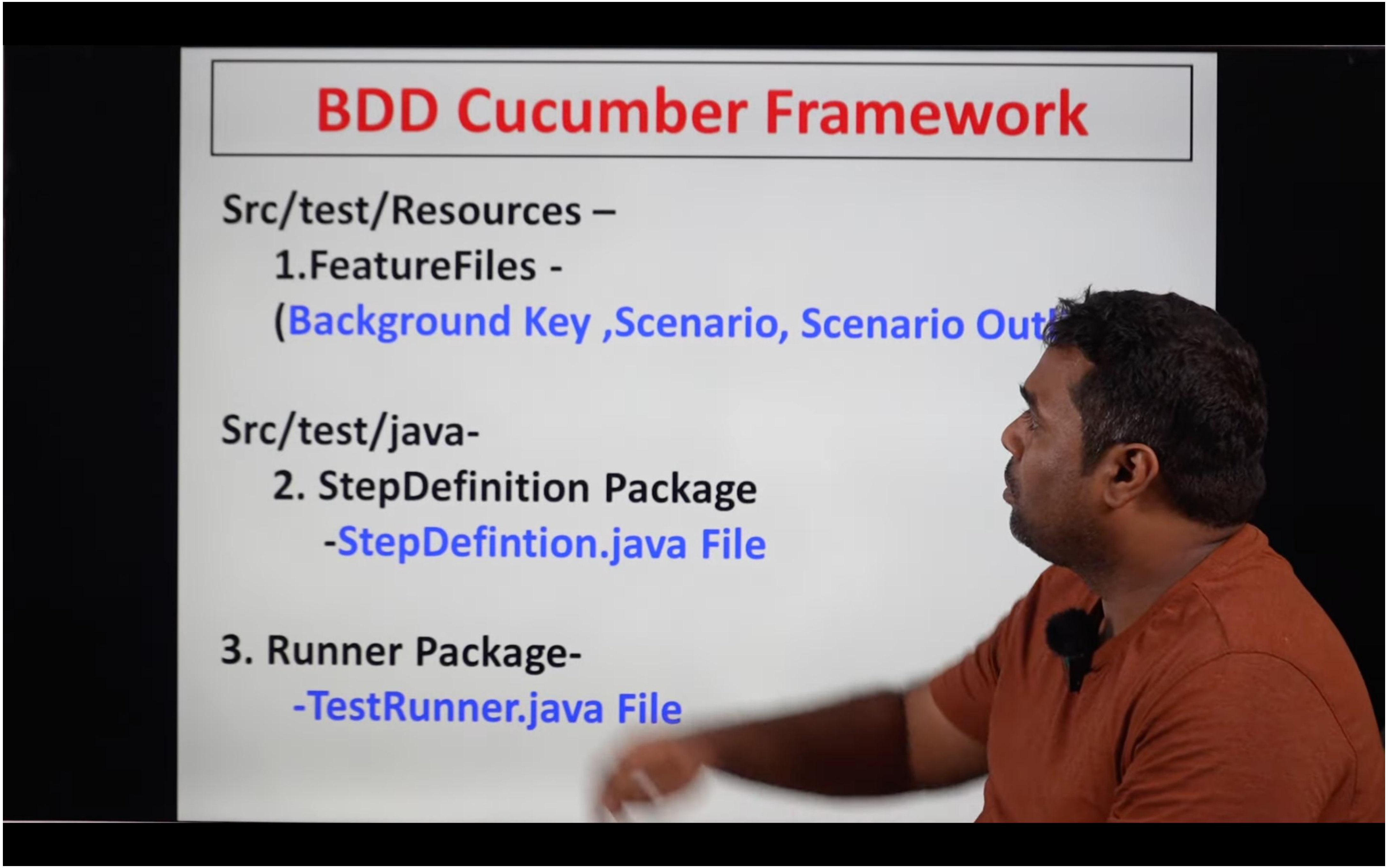


BDD Cucumber Framework

Src/test/Resources –

1.FeatureFiles -

(Background Key ,Scenario, Scenario Outl

Src/test/java-

2. StepDefinition Package

-StepDefintion.java File

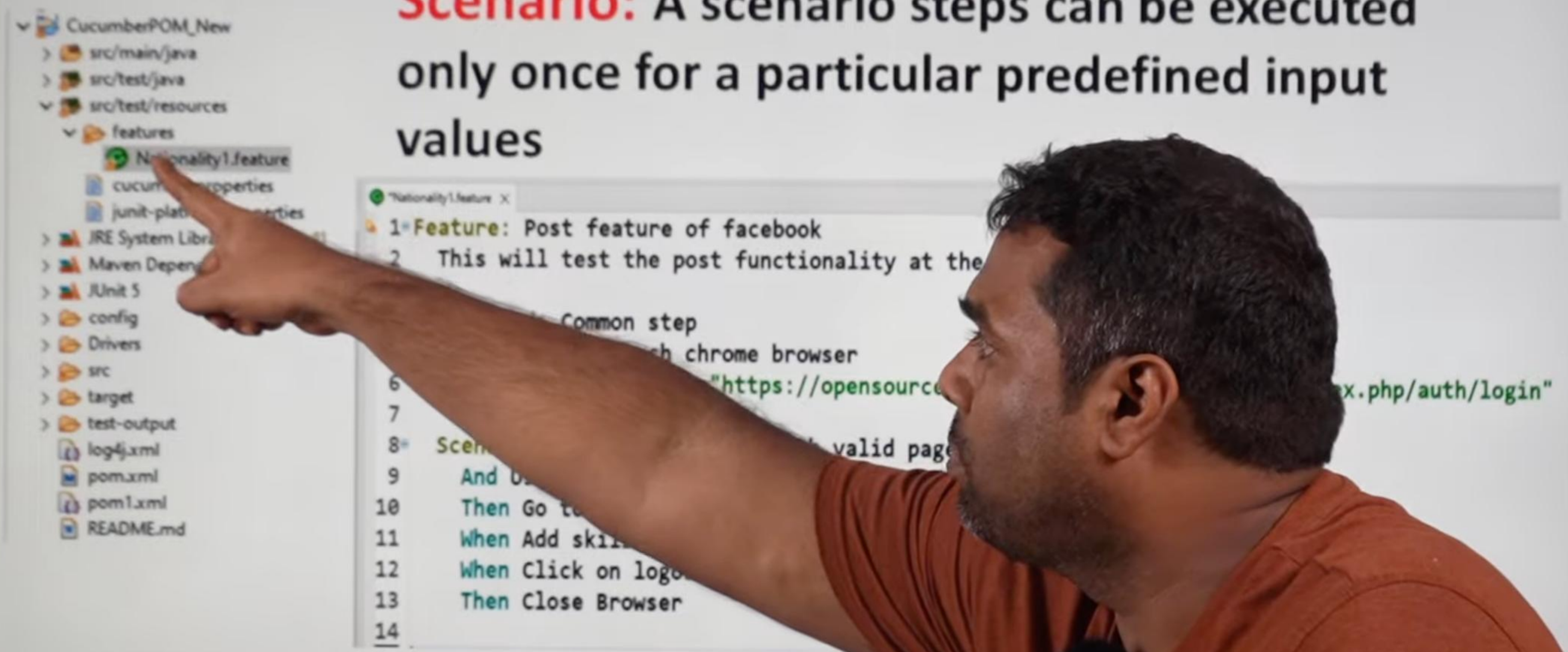
3. Runner Package-

-TestRunner.java File

Src/test/Resources –

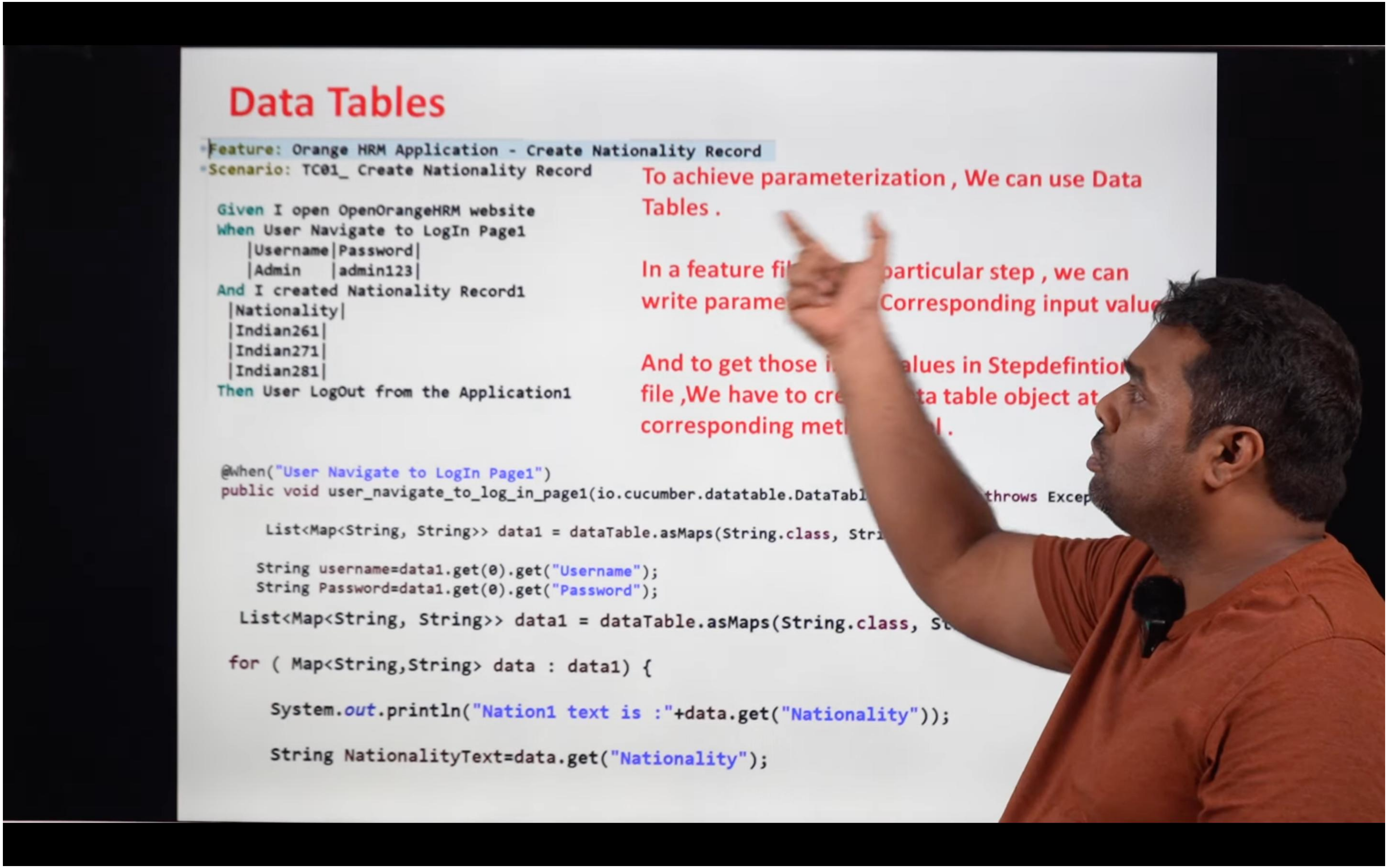
1.FeatureFiles (Background Key ,Scenario, Scenario Outline)

Scenario: A scenario steps can be executed only once for a particular predefined input values



```
Feature: Post feature of facebook
  This will test the post functionality at the

          Common step
            h chrome browser
              "https://opensource                    x.php/auth/login"

  Scen                      valid page
    And U
    Then Go t
    When Add skil
    When Click on logo
    Then Close Browser

```

Background Key: It contains commo
which can be executed first for every



Data Tables

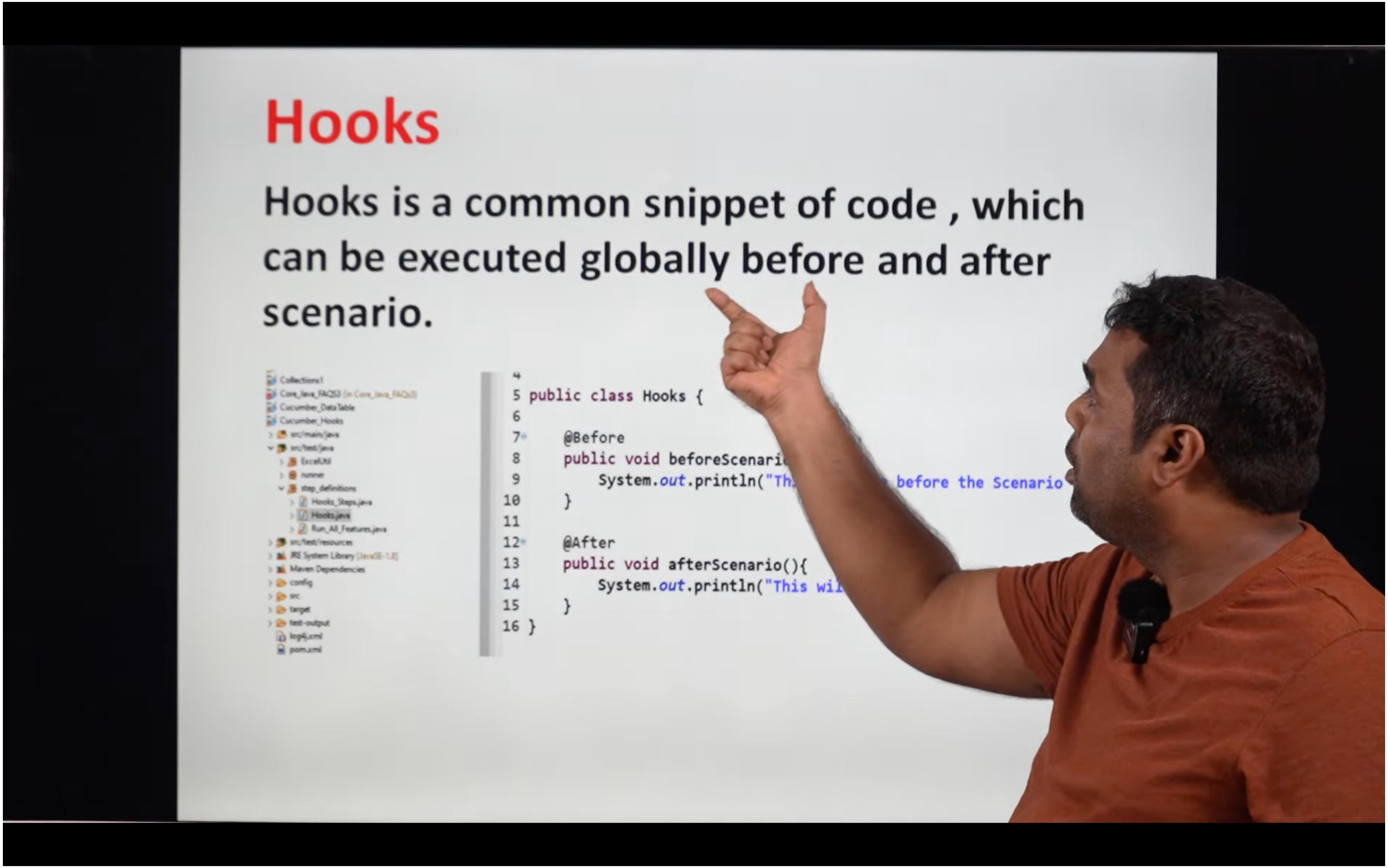
```
Feature: Orange HRM Application - Create Nationality Record
Scenario: TC01_ Create Nationality Record

 Given I open OpenOrangeHRM website
 When User Navigate to LogIn Page1
    |Username|Password|
    |Admin   |admin123|
 And I created Nationality Record1
  |Nationality|
  |Indian261|
  |Indian271|
  |Indian281|
 Then User LogOut from the Application1
```

To achieve parameterization , We can use Data Tables .

In a feature fi particular step , we can write parame Corresponding input valu

And to get those i alues in Stepdefintion file ,We have to cre ta table object at corresponding met l .

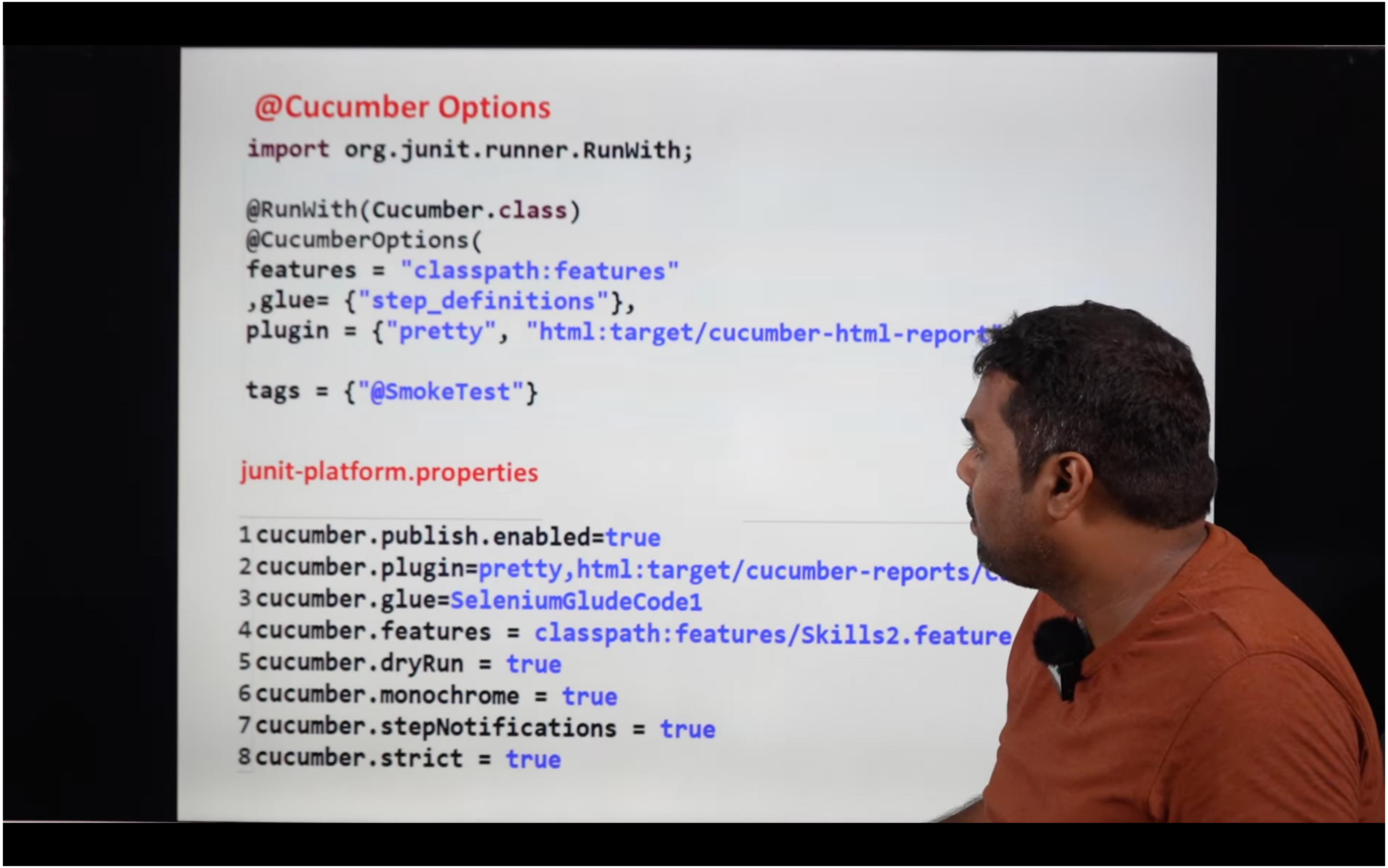
```
@When("User Navigate to LogIn Page1")
public void user_navigate_to_log_in_page1(io.cucumber.datatable.DataTabl throws Excep

     List<Map<String, String>> data1 = dataTable.asMaps(String.class, Stri

    String username=data1.get(0).get("Username");
    String Password=data1.get(0).get("Password");
  List<Map<String, String>> data1 = dataTable.asMaps(String.class, St

 for ( Map<String,String> data : data1) {

     System.out.println("Nation1 text is :"+data.get("Nationality"));

     String NationalityText=data.get("Nationality");
```



Hooks

Hooks is a common snippet of code , which can be executed globally before and after scenario.

```
public class Hooks {

    @Before
    public void beforeScenari
        System.out.println("Th          before the Scenario"
    }

    @After
    public void afterScenario(){
        System.out.println("This wil
    }
}
```

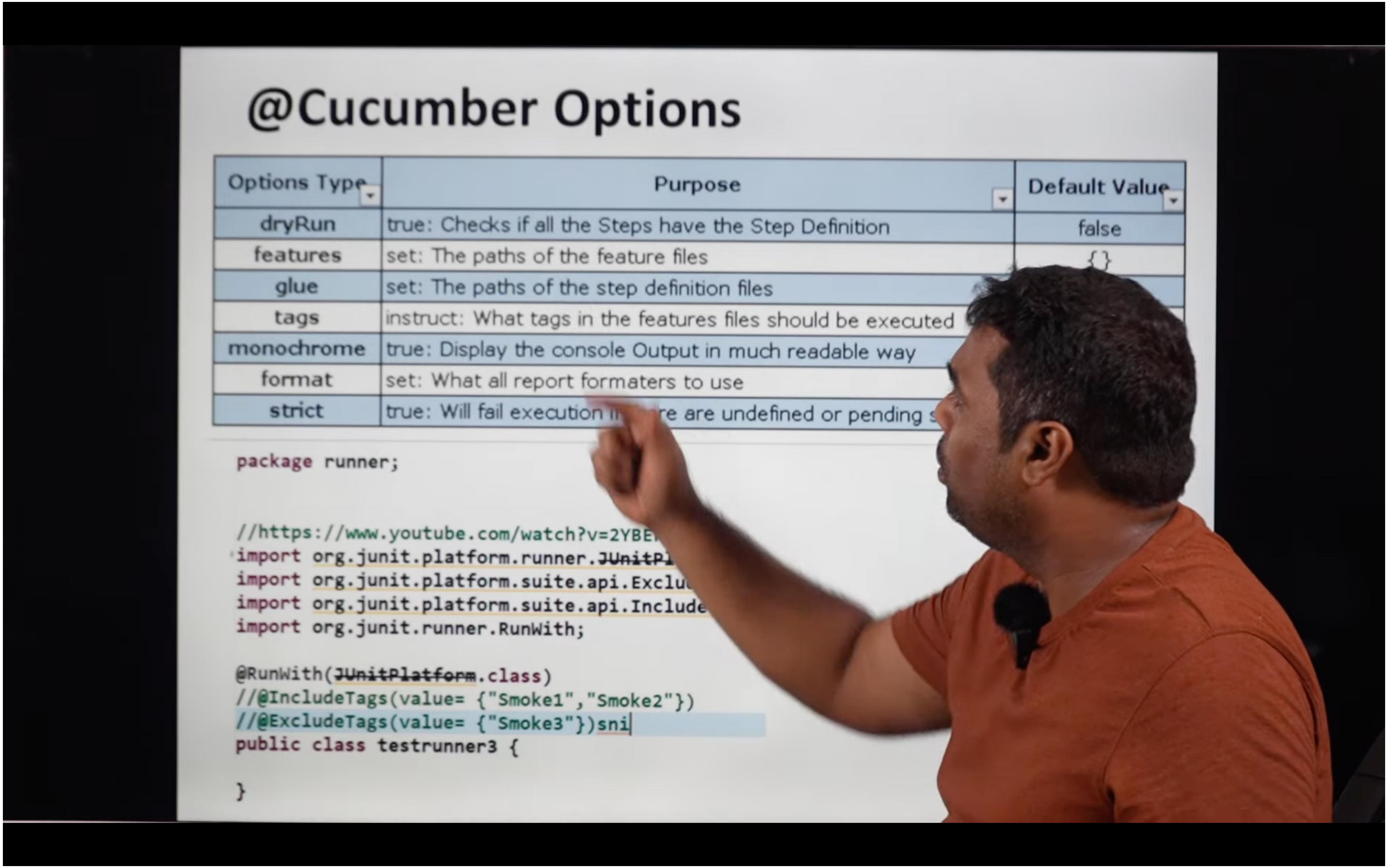


@Cucumber Options

```
import org.junit.runner.RunWith;

@RunWith(Cucumber.class)
@CucumberOptions(
features = "classpath:features"
,glue= {"step_definitions"},
plugin = {"pretty", "html:target/cucumber-html-report

tags = {"@SmokeTest"}
```

junit-platform.properties

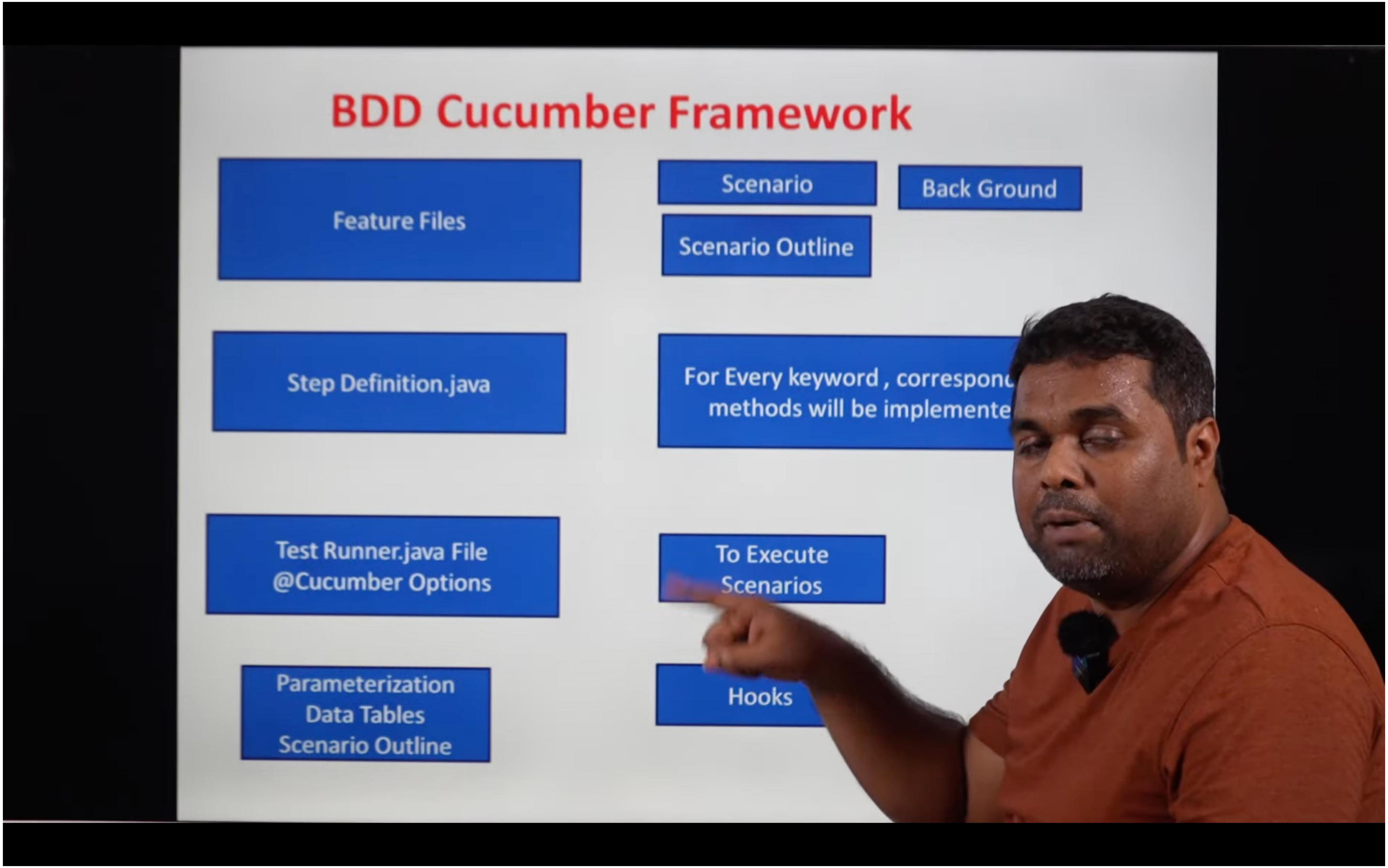
```
cucumber.publish.enabled=true
cucumber.plugin=pretty,html:target/cucumber-reports/c
cucumber.glue=SeleniumGludeCode1
cucumber.features = classpath:features/Skills2.feature
cucumber.dryRun = true
cucumber.monochrome = true
cucumber.stepNotifications = true
cucumber.strict = true
```



@Cucumber Options

Options Type	Purpose	Default Value
dryRun	true: Checks if all the Steps have the Step Definition	false
features	set: The paths of the feature files	{ }
glue	set: The paths of the step definition files	
tags	instruct: What tags in the features files should be executed	
monochrome	true: Display the console Output in much readable way	
format	set: What all report formaters to use	
strict	true: Will fail execution i re are undefined or pending s	

```
package runner;


//https://www.youtube.com/watch?v=2YBE
import org.junit.platform.runner.~~JUnitPl~~
import org.junit.platform.suite.api.Exclu
import org.junit.platform.suite.api.Include
import org.junit.runner.RunWith;

@RunWith(~~JUnitPlatform~~.class)
//@IncludeTags(value= {"Smoke1","Smoke2"})
//@ExcludeTags(value= {"Smoke3"})sni
public class testrunner3 {

}
```



BDD Cucumber Framework

Feature Files

Scenario

Back Ground

Scenario Outline

Step Definition.java

For Every keyword , correspond
methods will be implemente

Test Runner.java File
@Cucumber Options

To Execute
Scenarios

Parameterization
Data Tables
Scenario Outline

Hooks