18. **How to use Maps in cucumber?**
   - Using a nonScenario Outline
   - Scenario: Create contact using a map
      - Given I logged into suiteCRM
      - When I create a new contact:

        ```
        |first_name|John          |
        |last_name |Smith         |
        |cell_phone|801 888 8889 |
        ```
      - Then I should see contact information for "John Smith"
      - Left side is key, and right is value   2 columns only
   - Using a Scenario Outline
      - Scenario Outline: Create contact using a map
      - Given I logged into suiteCRM
      - When I create a new contact:

        ```
        |first_name      |<first_name>   |
        |last_name       |<lname>        |
        |cell_phone      |<cell_phone>   |
        |office_phone    |<office_phone> |
        ```
      - Then I should see contact information for "<first_name> <lname>"
      - Examples:

first_name	lname	cell_phone	office_phone
Michael	Jackson	1234567890	2345678891
Bonnie	Garcia	4569871234	4567890987
   - In step def I write;

     ```
     @When("^I create a new contact:$")
     public void i_create_a_new_contact(Map<String,String>contact) {
     // open the create contact dialog
     ```

21. **How to use POJO in cucumber?**
   - Create **contactBean** class
      - Add all variables
      - Add the getter/setters
   - Create bean feature file
   - Create a table with first row containing the variables in the contactBean class
      - Add values under the table
      - Implement method with parameter (List<ContactBean>contacts)
   - Scenario: Create contact
      - Given I logged into suiteCRM
      - When I save a new contact:

firstName	lastName	officePhone	cellphone	email
Steve	Gates	3456758888	1234329999	SteveGates123@gmail.com
      - Then I should see contact information for "Steve Gates"

22. **How to run a group of test case using TestNG?**

   ```
   @Test (groups={"smokeTest","FunctionalTest"})
   public void loginTest(){
             System.out.println("Logged in successfully");
   }
   ```