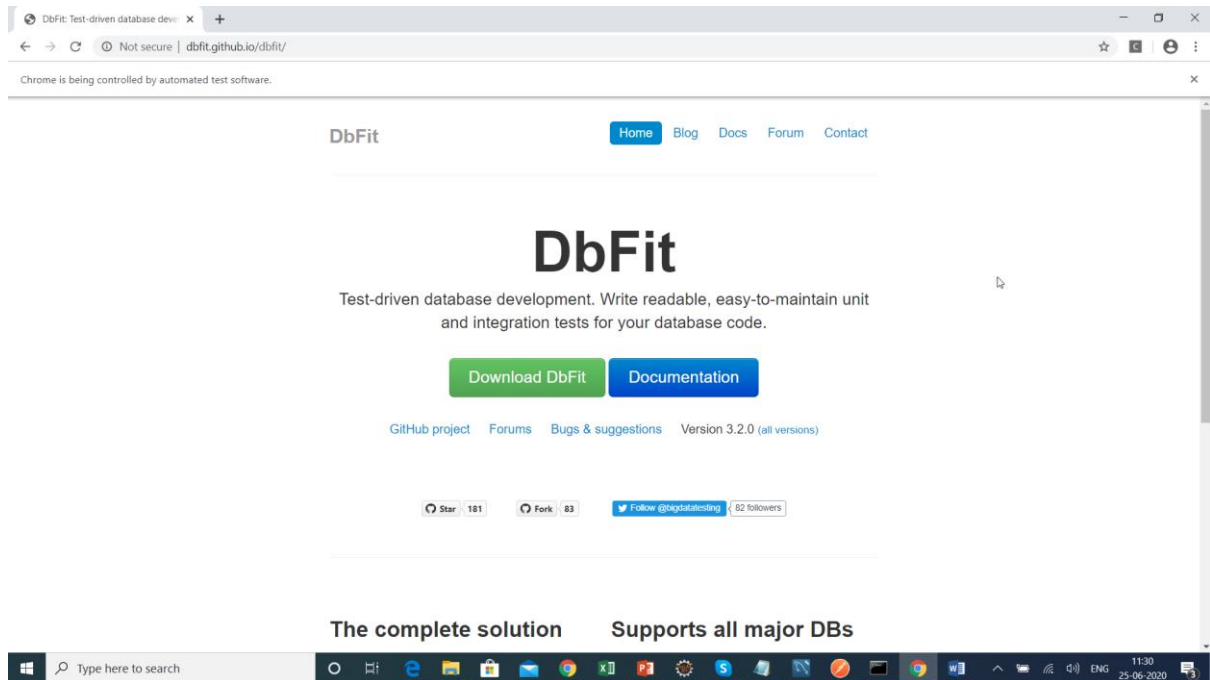# DbFit Installation and Setup

Step 1: Download DbFit

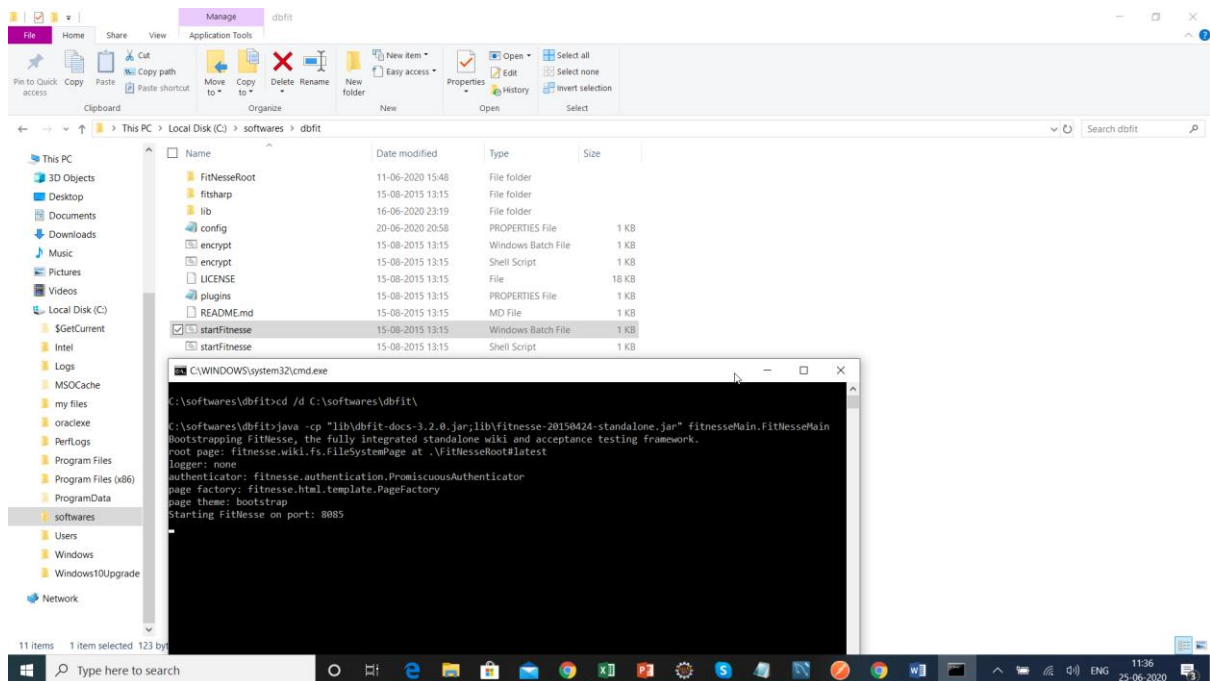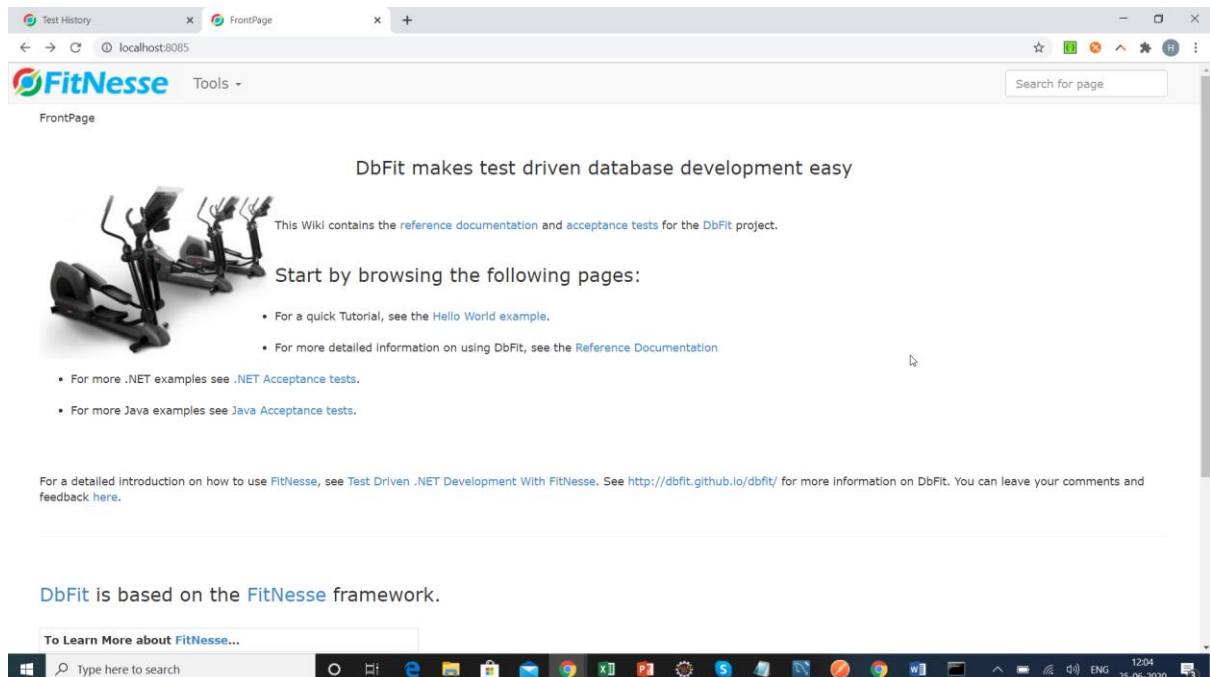http://dbfit.github.io/dbfit/

Step 2: Unzip the dbfit-complete-3.2.0
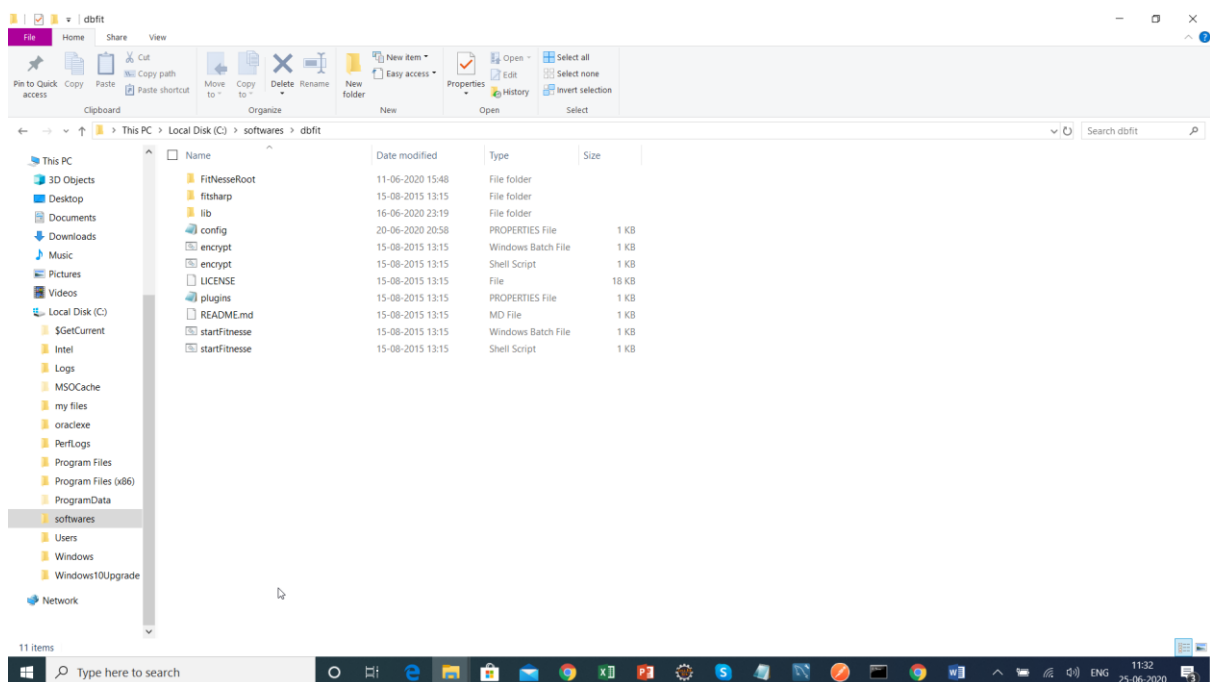
Step 3: Double click startFitnesse windows batch file to start the dbfit server

Step 4: Get started with DbFit using http://localhost:8085/

Step 5: Click DbFit link to start building your Test suites and Test Pages

Step 6: Click Add –> Suite Page to create Test Suite

Step 7: Enter Page Name and click Save
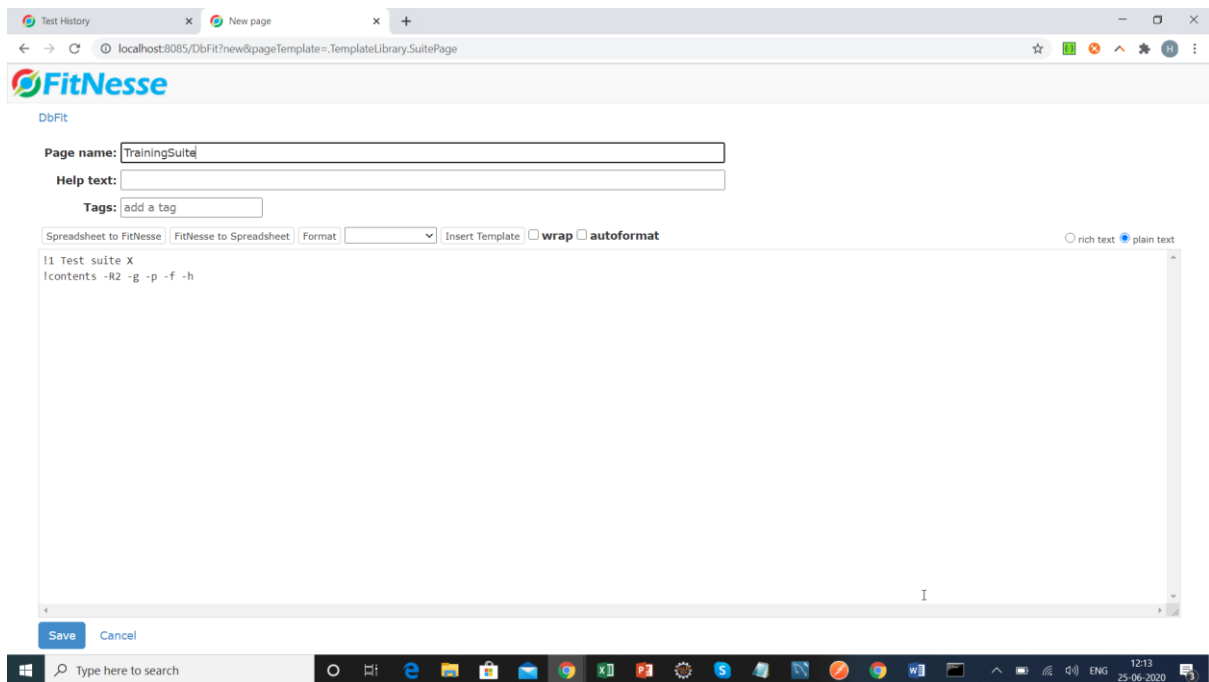
Step 8: Access the created Test Suite using http://localhost:8085/DbFit.<SuiteName> as below

http://localhost:8085/DbFit.TrainingSuite
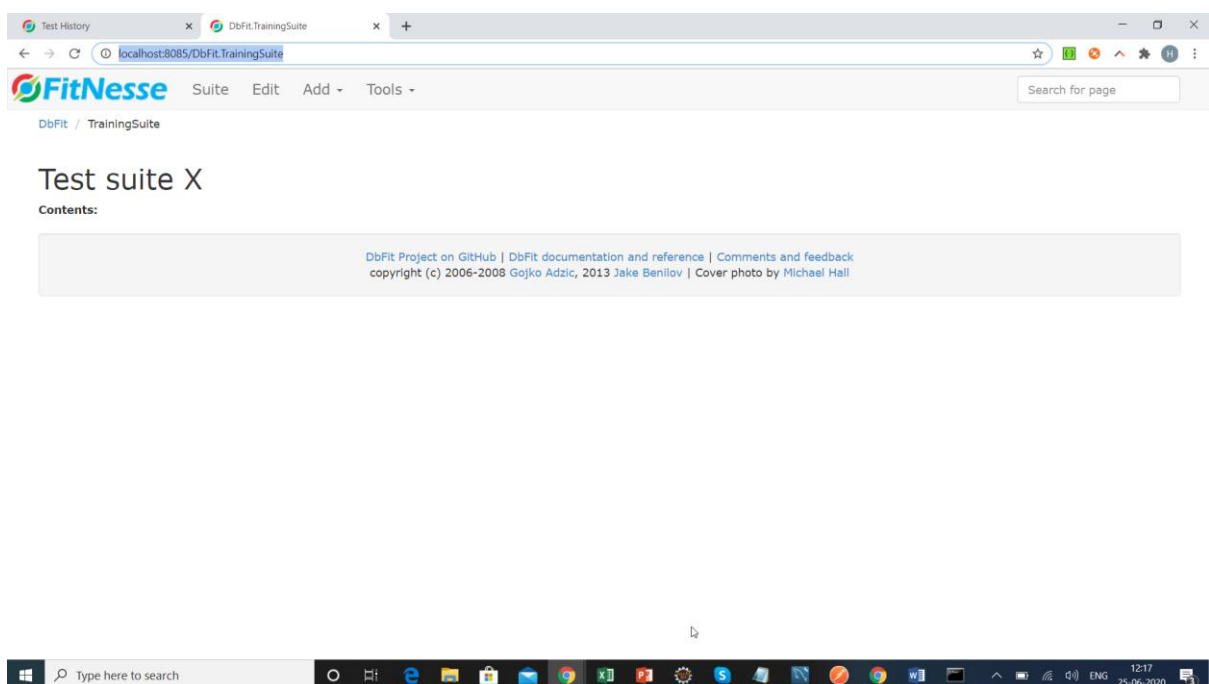
Step 9: Click Add →Test Page to add Test case to the suite
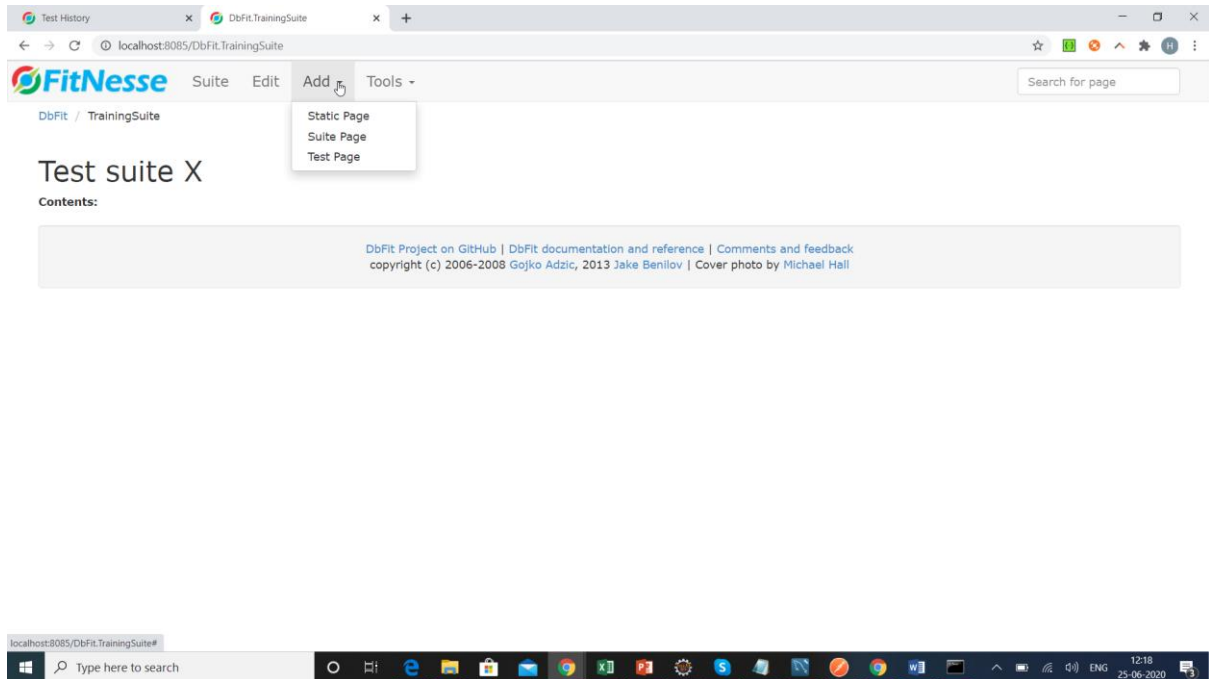
Step 10: Design the Test page. Enter a Page Name and Test script and Click on Save
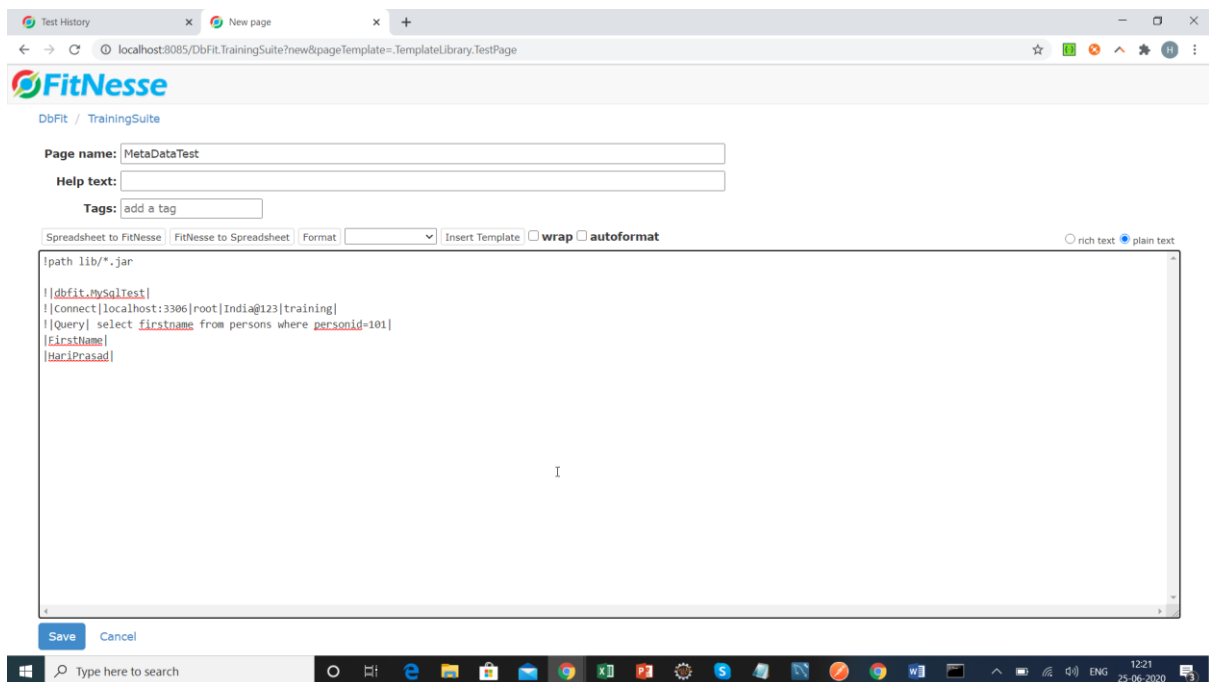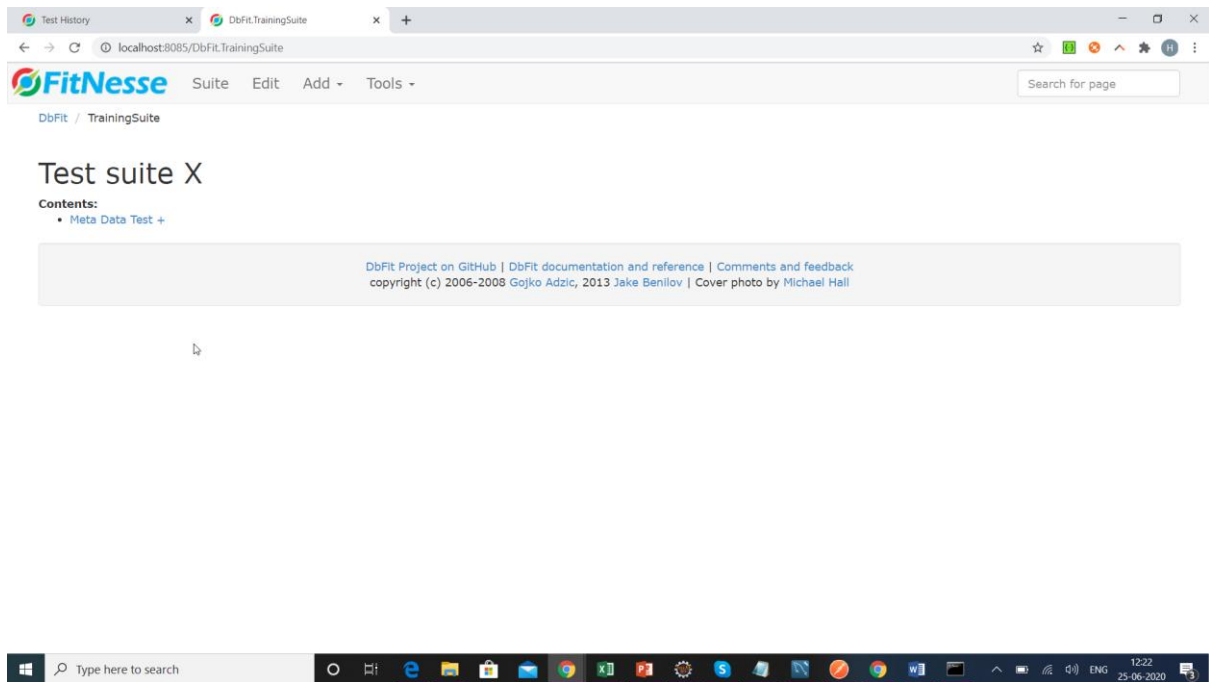
Step 11: Click on Suite to execute as Suite
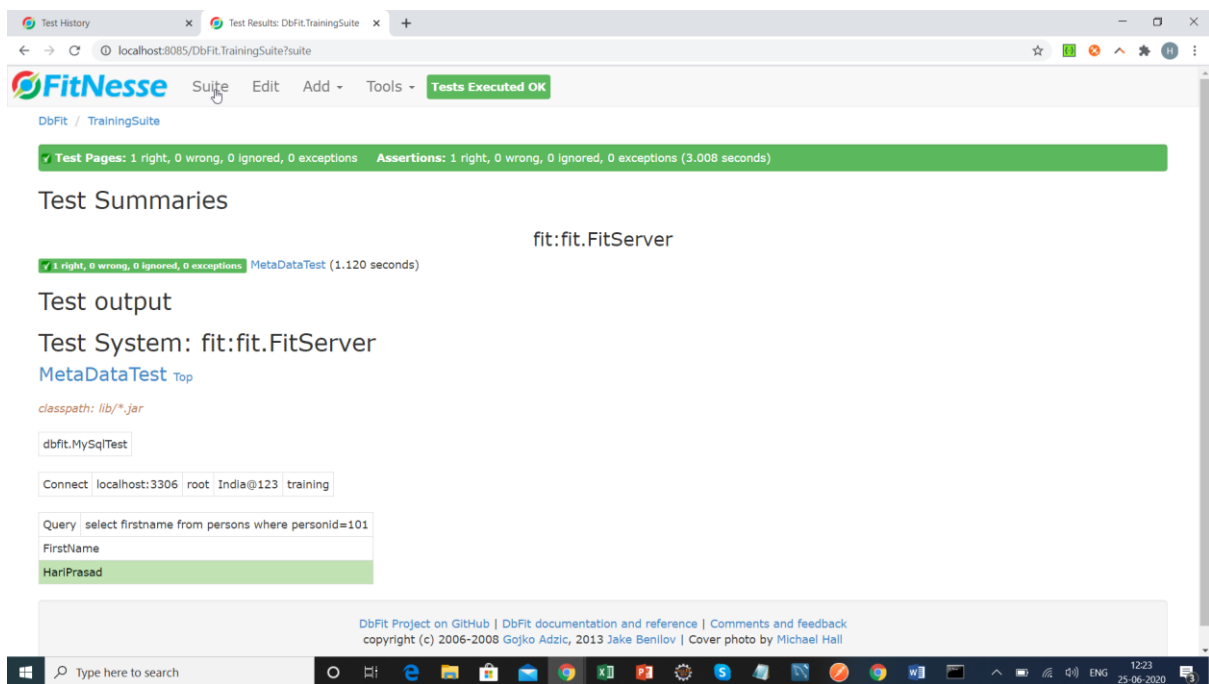
Step 12: Click on the Test Page in the Suite to navigate to the test page

Step 13: Click on the Test link to execute as individual Test

Step 14: To modify the Properties of the page, find the test history use Tools drop down

DbFit Documentation: http://dbfit.github.io/dbfit/docs/

Sample code 1: Comparing Query Result with manual expected data

```
!path lib/*.jar
!|dbfit.MySqlTest|
!|Connect|localhost:3306|root|India@123|training|
!|Query| select firstname from persons where personid=101|
|FirstName|
|HariPrasad|
```

Sample code 2: Compare Query result against another query

```
!path lib/*.jar
!|dbfit.MySqlTest|
!|Connect|localhost:3306|root|India@123|training|
!|Store Query| select * from persons where personid=101|Query1|
!|Store Query| select * from persons where personid=100|Query2|
!|Compare Stored Queries|Query1|Query2|
|personid?|firstname|
```
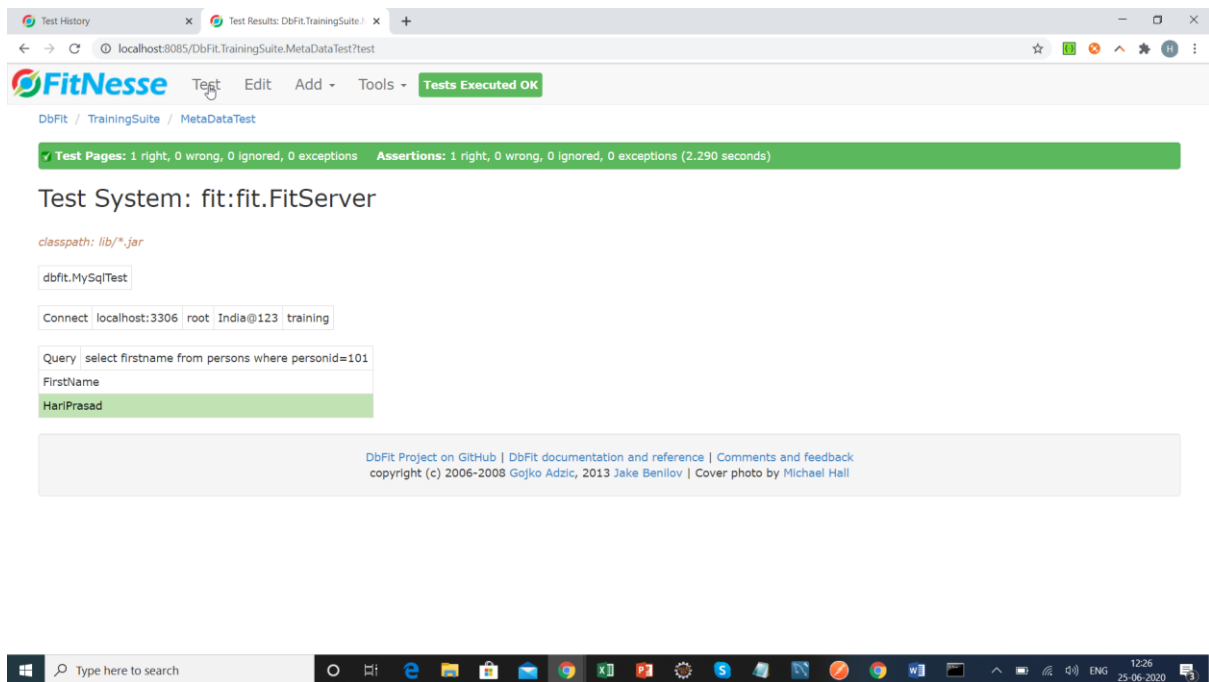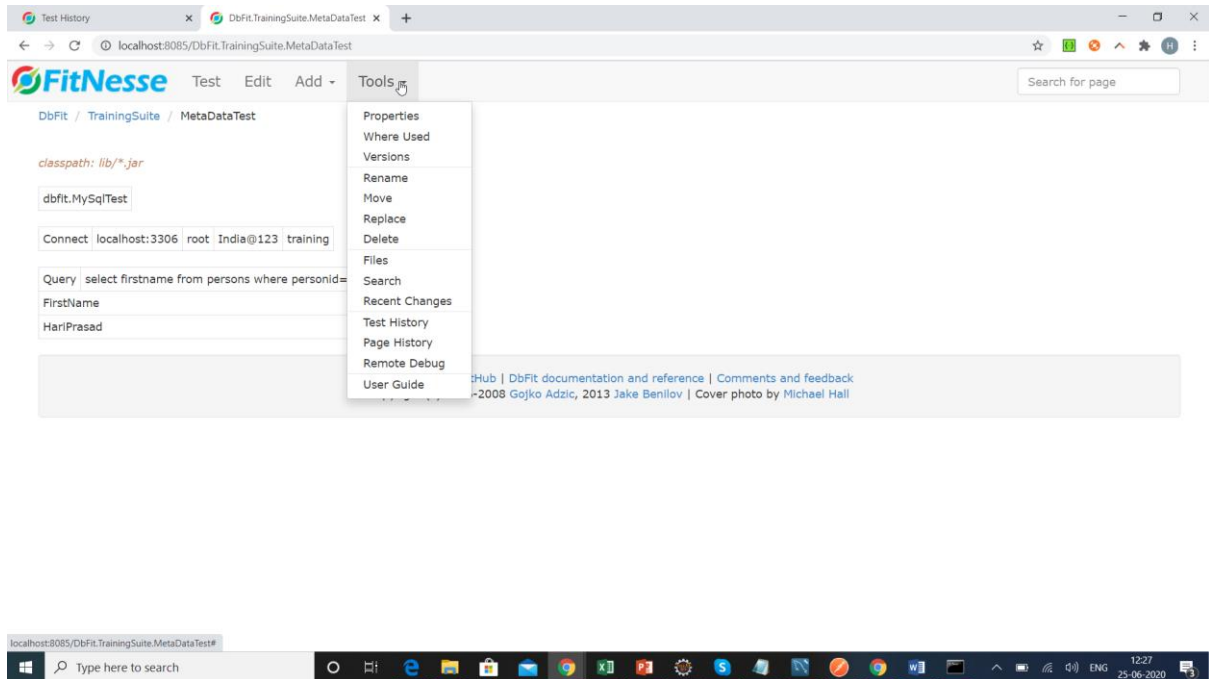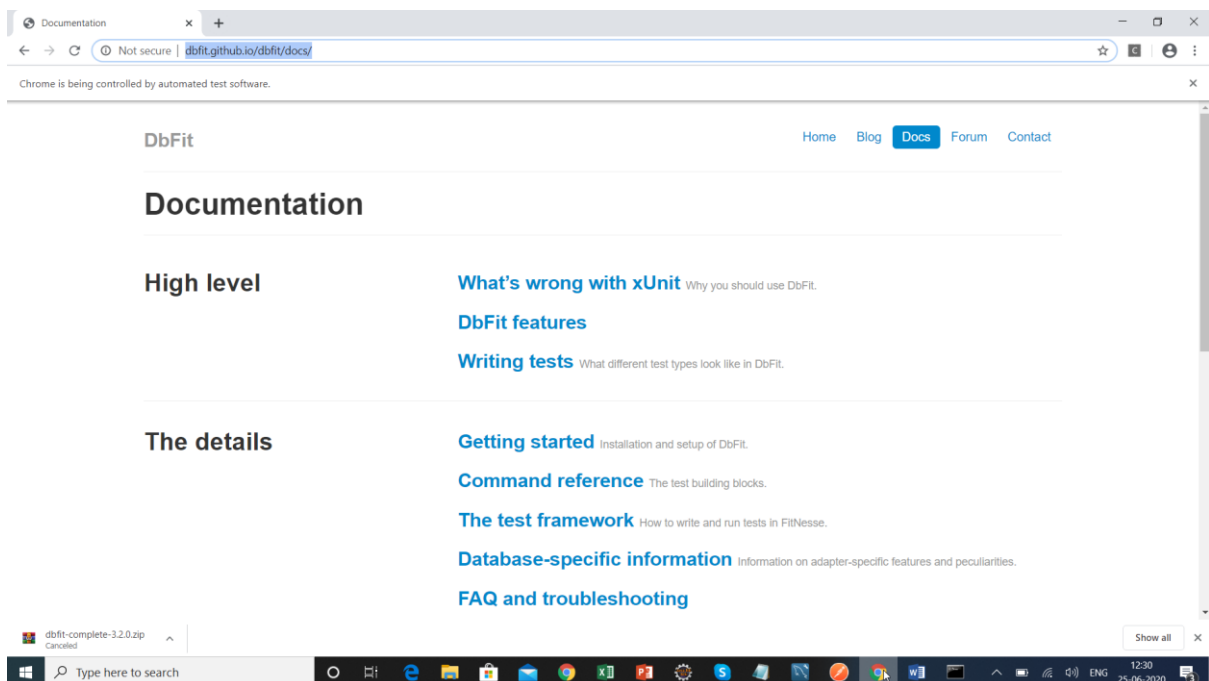
Sample code 3: Compare Stored Procedure against Query

```
!path lib/*.jar
!|dbfit.MySqlTest|
!|Connect|localhost:3306|root|India@123|training|
!|Store Query|call sp_persons()|Query1|
!|Store Query|select * from persons|Query2|
!|Compare Stored Queries|Query1|Query2|
|personid|firstname|
|100|Hari|
```

Sample Code 4: Connect database using file

!path lib/*.jar

!|dbfit.MySqlTest|

!|ConnectUsingFile|config.properties|

#!|Connect|localhost:3306|root|India@123|training|

!|Query| select firstname from persons where personid=101|

|FirstName|

|HariPrasad|

Appendix:

https://www.methodsandtools.com/tools/dbfit.php

https://dbfit.github.io/dbfit/docs/dbfit-features.html