**Software required** :Eclipse, MySQL and JDK

**Jar files required** : MySQL connector java, Apache POI and selenium Jar files

**Script** : JavaScript

**Step 1: Creating files:**

Open the eclipse and create a java project 🡪 Create Package under the project file 🡪 Create class file under the package. This step is common for all projects.

Importing the apache POI and selenium jar files. Go to project file 🡪 right click on project file 🡪 select build path 🡪 library’s 🡪select class path 🡪 add external jars 🡪 select all jar files 🡪 apply and close.

**Step 2: Launching the web driver:**

Download the preferred web driver and set the driver to launch the browser during execution of script. mention the driver location in string format in to the script to invoke web driver.

**Step 2: write the script for JDBC connection:**

Get demo web site to pass the database value. Write the code for JDBC connection. i) Load the sql driver. ii) Establish connection to the data base. iii) create the statement to execute the queries. iv) get data from SQL and store in to the string variable. v) pass the value to the demo web site. Refer the below code to archive JDBC connection.

**package** JDBC;

**import** java.sql.Connection;

**import** java.sql.DriverManager;

**import** java.sql.ResultSet;

**import** java.sql.SQLException;

**import** java.sql.Statement;

**import** org.openqa.selenium.By;

**import** org.openqa.selenium.WebDriver;

**import** org.openqa.selenium.edge.EdgeDriver;

**public** **class** JDBCconnection {

**public** **static** **void** main(String[] args) **throws** SQLException {

System.*setProperty*("webdriver.edge.driver", "C:\\Users\\keerthiraja.sp\\Downloads\\SeleniumJarFiles\\msedgedriver.exe");

WebDriver driver =**new** EdgeDriver();

driver.manage().window().maximize();

driver.get("https://www.twoplugs.com/login");

**try** {

//1. loaded the driver

Class.*forName*("com.mysql.cj.jdbc.Driver");

System.***out***.println("Driver Loaded");

//2. Establish connection to the database

String url="jdbc:mysql://localhost:3306/user";

String username="root";

String password="Keerthiraja@7";

Connection con=DriverManager.*getConnection*(url, username, password);

System.***out***.println("Connected to database");

//3. Create the statement for connection

Statement st=con.createStatement();

String sql="select \* from users";

//4. Execute the statement

ResultSet rs=st.executeQuery(sql);

**while**(rs.next()) {

// print the user name and password from the database

System.***out***.println("Username : "+ rs.getString(1));

System.***out***.println("Password : "+ rs.getString(2));

// get data from database and store into the string variable

String Username=rs.getString(1);

String Password=rs.getString(2);

driver.findElement(By.*xpath*("/html/body/div[7]/div/form/div[3]/div/input[2]")).sendKeys(Username);

driver.findElement(By.*xpath*("/html/body/div[7]/div/form/div[4]/div/input")).sendKeys(Password);

}

con.close();

} **catch** (ClassNotFoundException e) {

e.printStackTrace();

}

}

}