**Assignments**

**Please Note**: These assignments are only for your reference. No need to upload those anywhere.

**Java Assignments for Reference**

1. Accept marks of 5 subjects and canculate total and average marks.
2. Accept a bank balance from user and show the message as "Low Balance" if balance is less than 2000.
3. Accept a number from user and check whether it is +ve or –ve
4. Accept selling amount and purchase amount from user and display whether it is profit or loss and how much?
5. Accept a year from user and check whether it is leap or not?
6. Accept a bank balance from user and show the message as "Low Balance" if balance is less than 2000 or display the message as "Balance is ok"
7. Accept age from user and show the message as "You are valid for voting" if age is grater than or equal to 18 otherwise display the message as "You are not valid for voting"
8. Accept marks of 5 subjects and canculate total and average marks also display the grade as follows  
    Marks Grade  
    >= 85 Dist  
    < 85 & >= 75 A  
    < 75 & >= 60 B  
    < 60 & >= 50 C  
    < 50 & >= 35 D  
    < 35 Fail

Loops

1. Accept any number from user and print its multiplication table

1 \* 5 = 5

2 \* 5 = 10

3 \* 5 = 15

4 \* 5 = 20

1. Print the multiplication table of numbers from 1 to 10

Function

1. Try to write all above assignments with the help of function

Loops

1. Print following using for loop

Ankush1

Ankush2

Ankush3

Ankush4

Ankush5

1. Print following using nested loop

Row1 Cell1 Row1 Cell2 Row1 Cell3

Row2 Cell1 Row2 Cell2 Row2 Cell3

Row3 Cell1 Row3 Cell2 Row3 Cell3

Row4 Cell1 Row4 Cell2 Row4 Cell3

**Selenium Assignments**

28 March 2025

1. Try **getPageSource()** method and tell the purpose and return type of this method.
2. Open <https://www.echotrak.com/Login.aspx?ReturnUrl=%2f>
   1. Enter user name as your name (Shardul)
   2. Enter password as yourname\_123 (shardul123)
   3. Click on Login button  
      **Use name locator**
3. Open <https://www.echotrak.com/Login.aspx?ReturnUrl=%2f>
   1. Enter user name as your name (Shardul)
   2. Enter password as yourname\_123 (shardul123)
   3. Click on Login button  
      **Use id locator**
4. Open <https://www.echotrak.com/Login.aspx?ReturnUrl=%2f>
   1. Enter user name as your name (Shardul)
   2. Enter password as yourname\_123 (shardul123)
   3. Click on Login button  
      **Use className locator**
5. Open <https://www.google.co.in/>
   1. Enter “Pattankodoli Yatra”
   2. Hit enter

**Date: 01 Apr 2025**

1. Open <https://www.facebook.com>
   1. Enter any username
   2. Enter wrong password
   3. Click on Login button  
      **Use className locator**
2. Open <https://www.echotrak.com/Login.aspx?ReturnUrl=%2f>
   1. Enter user name as your name (Shardul)
   2. Enter password as yourname\_123 (shardul123)
   3. Click on Login button
   4. Print the error message. (use .getText()).  
      **Use cssSelector Special characters locator**
3. Find out the purpose of . and # characters in cssSelector.
4. Open <https://www.echotrak.com/Login.aspx?ReturnUrl=%2f>
   1. Enter user name as your name (Shardul)
   2. Enter password as yourname\_123 (shardul123)
   3. Click on Login button
   4. Print the error message. (use .getText()).  
      **Use Absolute XPath**
5. Open <https://register.rediff.com/register/register.php?FormName=user_details>
   1. Enter full name
   2. Enter rediffid
   3. Enter password
   4. Enter retype password  
      **Use Absolute XPath**
6. Open <https://www.echotrak.com/Login.aspx?ReturnUrl=%2f>
   1. Enter user name as your name (Shardul)
   2. Enter password as yourname\_123 (shardul123)
   3. Click on Login button
   4. Print the error message. (use .getText()).  
      **Use Relative XPath**
7. Open <https://register.rediff.com/register/register.php?FormName=user_details>
   1. Enter full name
   2. Enter rediffid
   3. Enter password
   4. Enter retype password
   5. Select the Check box on the page  
      **Use Relative XPath**
8. Complete Facebook login assignment with Relative Locator.
9. Open <https://echoecho.com/htmlforms09.htm>
   1. Display the status of all 3 checkboxes (Milk, butter and Cheese)
   2. Only select those checkboxes those are not selected
   3. Display the status.
10. Open <https://echoecho.com/htmlforms10.htm>
    1. Display the status of each radio button
    2. Click on each radio button
    3. Display the status of each radio button.

Date: 04-04-2025

1. Open <https://register.rediff.com/register/register.php?FormName=user_details>
   1. Select your birth date
   2. Display your birth date in following format  
      My Birth Date is: 29 JAN 1979
2. Open <https://www.redbus.in/>
   1. In From Enter first 4 characters of your city (Kolhapur -> Kolh)
   2. Select 1st Option from the list displayed
   3. In To Enter first 4 characters of your city (Banglore -> Ban)
   4. Select 1st Option from the list displayed
   5. Click on Calendar icon
   6. Click on Date 30
   7. Click on Search Buses button
   8. Display the name of 1st Bus from the list

**Date: 07 Apr 2025**

1. Complete redbus.in assignment using ExplicitWait
2. Complete redbus.in assignment using FluentWait
3. Open <https://dash.bling-center.com/platform/signIn.html>
   1. Click on forgot password
   2. Enter email id
   3. Enter email id
   4. Click on Reset Password
   5. Display the messages (in green color)
4. Open <https://opensource-demo.orangehrmlive.com/web/index.php/auth/login>
   1. Enter user name as admin
   2. Enter password as admin123
   3. Click on Login Button
   4. IF LOGIN GET SUCCESSFULL THEN (Use getCurrentUrl())
   5. Click on down arrow next to the name
   6. Click on logout
5. Open <https://omayo.blogspot.com/>
   1. Display the status of Mr Option check box (Visible, Selected and Enabled)
   2. Click on **Check This** button. (Then Mr. Option will get enabled after 10 seconds.
   3. Select the Mr Option Checkbox
   4. Display the status (Visible, Selected and Enabled)  
      Complete this assignment using ExplicitWait using method as **elementToBeClickable**

Date: 08 Apr 2025

1. Open <https://www.rediff.com/>
   1. Click on Money
   2. Click on More Gainers
   3. Display title of all the headers
   4. Display total no of rows
   5. Display any row randomly
   6. Display list of all the companies (Company name only)
   7. Read all current price and display the highest price.  
      (Read all the current price, store in array and then sort an array so you will get highest price)
2. Open <https://demoqa.com/webtables>
   1. Try to display all header columns
   2. Click on Add button
   3. Enter all the data
   4. Search the first name in First Name column
   5. Click on delete button in the same row (Don’t copy the xpath of delete button from last row)
3. Open <https://www.iplt20.com/points-table/men/2024>
   1. Display list of all the Teams
   2. Display all result of each team about N W L
   3. Display count of N, W & L

Display the result as follow  
KKR NNWWW N-2, W-3, L-0

1. Open <https://opensource-demo.orangehrmlive.com/web/index.php/auth/login>
   1. Login with Admin (admin, admin123)
   2. Click on PIM
   3. Click on + Add button
   4. Enter First Name
   5. Enter Middle Name
   6. Enter Last Name
   7. Click on Create Login Details
   8. Enter User Name
   9. Enter Password
   10. Enter Confirm Password
   11. Click on Save Button
   12. Logout
   13. Login using data provided in step no h & i
   14. Display name of employee on logout link
   15. Click on My Info
   16. Display the Employee ID (use .getAttribute(“value”))
   17. Logout
   18. Login with admin
   19. Click on Admin
   20. Enter user name
   21. Click on Search
   22. Delete the record displayed
   23. Logout
2. Open <https://omayo.blogspot.com/>
   1. Click on ClickToGetAlert button
   2. Display the text on alert
   3. Click on Ok button
   4. Click on GetPrompt Button
   5. Enter your name
   6. Click on Ok button
   7. Click on GetConfirmation Button
   8. Click on Cancel button
3. Open <https://sampleapp.tricentis.com/101/index.php>
   1. Click on Automobile
   2. Click on Enter Insurant Data
   3. Select your picture
4. Find out what is the difference between driver.get() & driver.navigate().to() method.
5. Complete the registration process on <https://demoqa.com/automation-practice-form>
6. Open <https://www.fitpeo.com/revenue-calculator>
   1. Try scrolling slider so that the value will become 800
7. Open <https://www.fitpeo.com/revenue-calculator>
   1. Try entering 600 in the text box.
8. Open <https://www.irctc.co.in/nget/profile/user-registration>
   1. Complete the registration process.
   2. Display the messages after clicking on Submit button.
9. Open <https://asana.com/>
   1. Click on login button
10. Open <https://www.jotform.com/form-templates/exam-registration-form>
    1. Complete the registration process
11. Open <https://www.nimblework.com/resources/?tx_post_tag=case-studies>
    1. Click on The image of chat
    2. Type Hello in the chat text box
    3. Hit Enter

Date: 14 Apr 2025

1. TestNG Assignment (Do this assignment in com.TestNGDemos package)
   1. Open <https://www.myntra.com/>
   2. Print the title
   3. Click on Men Link
   4. Print the title
   5. Open <https://www.myntra.com/>
   6. Print the title
   7. Click on Women Link
   8. Print the title
   9. Open <https://www.myntra.com/>
   10. Print the title
   11. Click on Kids Link
   12. Print the title
   13. Open <https://www.myntra.com/>
   14. Print the title
   15. Click on Home Link
   16. Print the title
   17. Close the browser

**Complete following assignments via POM**

1. Open <https://omayo.blogspot.com/>
   1. Click on ClickToGetAlert button
   2. Display the text on alert
   3. Click on Ok button
   4. Click on GetPrompt Button
   5. Enter your name
   6. Click on Ok button
   7. Click on GetConfirmation Button
   8. Click on Cancel button
2. Open <https://sampleapp.tricentis.com/101/index.php>
   1. Click on Automobile
   2. Click on Enter Insurant Data
   3. Select your picture

Date: 23 Apr 2025

1. Create a cucumber program for following
   1. Scenario 1
      1. Open Amazon
      2. Click on Sell
      3. Print the title
   2. Scenario 2
      1. Open Amazon
      2. Click on Best seller
      3. Print the title
   3. Scenario 3
      1. Open Amazon
      2. Click on Mobiles
      3. Print the title
   4. Scenario 4
      1. Open Amazon
      2. Click on Electronics
      3. Print the title