**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

Assignments

1. What is the use and return type of getPageSource()?
2. Open <https://www.echotrak.com/Login.aspx?ReturnUrl=%2f>
   1. Enter user name (vinayak)
   2. Enter password (vinayak123)
   3. Click on Login button  
      **Use Name locator**
3. Open <https://www.echotrak.com/Login.aspx?ReturnUrl=%2f>
   1. Enter user name (vinayak)
   2. Enter password (vinayak123)
   3. Click on Login button  
      **Use Id locator**
4. Open <https://www.echotrak.com/Login.aspx?ReturnUrl=%2f>
   1. Enter user name (vinayak)
   2. Enter password (vinayak123)
   3. Click on Login button  
      **Use ClassName locator**
5. Open <https://www.facebook.com>
   1. Enter valid user name
   2. Enter invalid password
   3. Click on Login button  
      **Use ClassName locator**
6. Open <https://www.echotrak.com/Login.aspx?ReturnUrl=%2f>
   1. Enter user name (vinayak)
   2. Enter password (vinayak123)
   3. Click on Login button  
      **Use CssSelector locator**
7. Open <https://register.rediff.com/register/register.php?FormName=user_details>
   1. Enter full name
   2. Enter Rediff Id
   3. Enter password
   4. Enter confirm password  
      Use CssSelector Special characters
8. Open <https://www.echotrak.com/Login.aspx?ReturnUrl=%2f>
   1. Enter user name (vinayak)
   2. Enter password (vinayak123)
   3. Click on Login button
   4. Display an error message.  
      **Use Absolute XPath locator**
9. Open <https://www.google.com>
   1. Search for “Pattankodoli Yatra”
   2. Hit Enter  
      Use Absolute XPath Locator
10. 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.
11. 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.
12. Open <https://register.rediff.com/register/register.php?FormName=user_details>
    1. Select your birth date and display in following format  
       My Birthdate is 29 JAN 1979
13. Open <https://www.redbus.in/>
    1. Click on From
    2. Enter first 4 characters from your city (Kolhapur – kolh)
    3. Click on the 1st option (City)
    4. Click on To
    5. Enter Bang (Bangalore)
    6. Click on Bangalore from the list
    7. Click on Calendar icon
    8. Click on 31
    9. Click on Search buses button
    10. Display the 1st bus from list
14. Complete redbus assignment with Explicit Wait
15. Complete redbus assignment with fluent Wait
16. Open <https://dash.bling-center.com/platform/signIn.html>
    1. Click on forgot password
    2. Enter your email id
    3. Click on reset password button
    4. Display the text (message) in green color.
17. 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
    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
18. 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)
19. 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)
20. 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

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