**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.