**JAVA ASSIGNMENTS**

**ASSIGNMENT - 1**

1. Write a program in Java to Reverse a string
2. Write a program in Java to Check if string is palindrome
3. Write a program in Java to Convert temperature to Fahrenheit
4. Write a program in Java to Find Largest of 3 numbers
5. Write a program in Java to Swap 2 numbers using temporary variable
6. Write a program in Java to Swap 2 numbers without using temporary variable
7. Write a program in Java to Read from Text File
8. Write a program in Java to Write into Text File
9. Write a program in Java to Compare 2 strings
10. Write a program in Java to Convert string to int
11. Write a program in Java to Convert int to string
12. In the given string "I AM LEARNING APPIUM", Write a program in Java to
    1. Find length of string
    2. charat[8]
    3. charat[15]
    4. charat[55]
    5. Find number of repeating characters,
    6. Index of APPIUM
    7. replace APPIUM with SELENIUM
    8. Split with spaces
    9. replace "ALL" with "MOBILE"
    10. to upper case
    11. to lower case

**ASSIGNMENT - 2**

**Java:**

1. Write a program in Java to check if a number is even or odd in Java?

2. Write a program in Java to find out if a number is prime in Java?

3. How to find if a number is power of 2 in Java? (1, 2, 4 power of 2, 3 is not)

4. Write program to sort an integer array without using API methods?

5. Write a program in Java to reverse any String without using StringBuffer?

6. Write a Java program to calculate factorial of an integer number?

7. Write a program in Java to print Fibonacci series up to given number?

8. Write a Java program to calculate factorial of an integer number?

9. Write a script to refresh without refresh method

**Selenium:**

1. Write a script to do Full Screen F11

2. Write a script to verify whether element is present or not using findelement method

3. Write a script to verify whether element is present or not using findelements method

4. Write a script to verify whether checkbox is selected or not

5. Write a script to verify whether radiobutton is selected or not

6. Write a script to verify whether textbox is enabled or not

7. Write a script to print content of listbox

8. Write a script to verify whether listbox is dropdownlist or multiselectlist

9. Write a script to search for specified object in list box

10. Write a script to verify whether content of list box is sorted or not -- take size of ls and pass it to string array

**ASSIGNMENT - 3**

1. Write a script to open google.com and perform following verifications
   1. title of page is google
   2. Page is redirected to google.co.in
   3. Has google logo
   4. It has search field and is enabled
2. Write a script to search selenium in google, print all the auto suggestion & select the auto suggestion which has webdriver
3. Write a script to select option in listbox without using select class
4. Write a script to select all option in multiselect box and also to deselect all options in listbox in reverse
5. Write a script to print colour of text present in textbox
6. Write a script to move mouse on menu and print all the displayed sub menu
7. Write a script to move mouse on main menu and move mouse on sub menu and then select its sub menu
8. Write a script to move mouse on menu without using action class.
9. Write a script to drag and drop element.
10. Write a script to right click on a link and select open it in new window
11. Write a script to double click on element.
12. Write to script to scroll page using javascript
13. Write to script to scroll page using robot
14. Write a script to select all the options present in country listbox of fatcow.com one by one
15. Develop a method to verify whether a given list box is dropdown or a multicell.

**ASSIGNMENT - 4**

**JAVA:**

1. How to identify a given positive decimal number as even/odd without using % or / operator?

2. How to count occurrence of a given character in a String?

3. In an array 1-100 numbers are stored, one number is missing how do you find it?

4. In an array 1-100 exactly one number is duplicate how do you find it?

5. In an array 1-100 multiple numbers are duplicates, how do you find it?

6. Given two arrays, {1, 2, 3, 4, 5} and {2, 3, 1, 0, 5} find which number is not present in the second array.

7. How to remove duplicate elements from array in Java?

8. Convert a given string as "11/12/2010" to a Date object.

9. Find out the number of days in between two given dates?

10. If you assign null to the String variable, and then you print the variable what will be the output. Justify your answer.

11. Write code to implement Bubble Sort in Java?

**SELENIUM**

1. Write a Java script to verify that login page is loaded within 3 sec
2. Write a Java script to login and logout and script as to be synchronized without using implicitly wait or thread.sleep
3. Write a Java script to login and logout and script as to be synchronized without using implicitly wait or thread.sleep AND without using explicit wait also
4. Write a script to verify whether alert popup is displayed or not -- acti time
5. write a script to print the message displayed on confirmation popup and click on cancel -- http://www.actimind.com/contact.php
6. write a script to verify whether hidden division popup is displayed or not -- actitime create customer > delete with checking
7. Write a script to verify whether hidden division popup is displayed and print message in popup and cancel popup
8. Write a script to select today's date in calendar
9. Write a script to select future date in the calendar -- 15 days ahead
10. Write a script to upload a file in 2share.com
11. Write a script to login to naukri and print values present under profiles performance and also print number of job alerts. Expand update profile option and print all option present in that and logout. Verify whether given option is duplicate or not
12. From: **plus2net.com/php\_tutorial/ajax**
    1. print the countries in listbox and select one of them
    2. print state and select one of them
    3. print the city and select one of them