Contents - Assignments

[Selenium IDE 1](#_Toc82276286)

[***Task 1*** 1](#_Toc82276287)

[Java Assignment 2](#_Toc82276288)

[***Task 2*** 2](#_Toc82276289)

[***Task 3*** 2](#_Toc82276290)

[***Task 4*** 2](#_Toc82276291)

[***Task 5*** 2](#_Toc82276292)

[***Task 6*** 3](#_Toc82276293)

[***Task 7 – Aug 18, 2021*** 3](#_Toc82276294)

[***Task 8 – Aug 19, 2021 – Aug 23, 2021*** 3](#_Toc82276295)

[***Task 9 – Aug 26, 2021 - Aug 30, 2021*** 3](#_Toc82276296)

[***Task 10 – Aug 30, 2021*** 4](#_Toc82276297)

[***Task 11 – Aug 31, 2021 (Open in incognito window to inspect)*** 4](#_Toc82276298)

[***Task 12 – Sep 1, 2021*** 5](#_Toc82276299)

[***Task 13 – Sep 2, 2021*** 5](#_Toc82276300)

[***Task 14 – Sep 7, 2021*** 5](#_Toc82276301)

[***Task 15– Sep 7, 2021 (Simple Assignment - (Simple Assignment - Please practice on below topics steps if you have confusion on using locators, click, sendkeys, dropdown)*** 6](#_Toc82276302)

[***Task 16 – Sep 8, 2021*** 6](#_Toc82276303)

[***Task 17 – Sep 9, 2021*** 7](#_Toc82276304)

[***Task 18 – Sep 11, 12, 2021*** 7](#_Toc82276305)

# **Selenium IDE**

### **Task 1**

**Objective**   
In this challenge, we will automate elements using Selenium IDE

1. Navigate onto <https://opensource-demo.orangehrmlive.com/>
2. Enter Username as Admin
3. Enter Password as admin123
4. Click on Login
5. Click on My Info
6. Click on Emergency Contact
7. Click on Add under Assigned Emergency Contacts
8. Fill the form (any data)
9. Click on Save
10. Assert the saved record

# **Java Assignment**

### **Task 2**

Declare three person age and print the youngest person name and also if all three person are same age then you need to print all three person name

*Test Data 1*   
int smith= 25  
int John= 45  
int henry=65

Output: Smith is younger

*Test Data 2*  
int smith= 45  
int John= 45  
int henry=45

Output: Smith, John, Henry are same age.

### **Task 3**

Write a java statement that prints true if declared number is an odd number and positive.

### **Task 4**

Declare a numbers and write the logic to print the declared number is odd or even.

*Test Data*  
Input the number: int a = 25

Output: Given number is odd

### **Task 5**

Write a Java program that takes a year from user and print whether that year is a leap year or not.

*Test Data*  
Input the number: int a = 2016

Output: Leap year

### **Task 6**

Give a try to write for loop to print all the values from the array created in the session. (**Not mandatory**)

String[] colors=**new** String[3];

colors[0]="red";

colors[1]="green";

colors[2]="yellow";

### **Task 7 – Aug 18, 2021**

Create static method

* For Area Of Square
* For Area Of Triangle

### **Task 8 – Aug 19, 2021 – Aug 23, 2021**

1. Create New Java Project and name it as “**MathArticleProject**”
2. Create a package with name as “**com.voya.volume**”
3. Create a class with name as “**Volume**”
4. Create non-static method for below formula

Create non static method

|  |  |
| --- | --- |
| [Volume Of Sphere](https://byjus.com/maths/volume-of-sphere/) | [Volume Of A Cylinder](https://byjus.com/maths/volume-of-a-cylinder/) |
| [Volume Of A Pyramid](https://byjus.com/maths/volume-of-a-pyramid/) | [Volume Of Cone](https://byjus.com/maths/volume-of-cone/) |
| [Volume Of Cuboid](https://byjus.com/maths/volume-of-cuboid/) | [Volume Of Hemisphere](https://byjus.com/maths/volume-of-hemisphere/) |

1. Create one more package with name as “**com.voya.runner**”
2. Create a class with name as “**VolumeTest**” inside the package “com.voya.runner”
3. Call the non-static method of volume of sphere by passing radius as **15.5**
4. Call the non-static method of Voume of Cuboid by passing - Length=20, Width=20.5, Height=65.2

### **Task 9 – Aug 26, 2021 - Aug 30, 2021**

If you face any issues on finding the element, please check the locator and also try adding Thread sleep for 5 or 10 sec before doing the operation.

Task 1

1. Navigate to <https://account.magento.com/customer/account/create/>
2. Enter firstname as **John**
3. Enter lastname as **Wick**
4. Enter email address as [**john@yahoo.com**](mailto:john@yahoo.com)
5. No need select any dropdown
6. Enter password as **123**
7. Enter confirm password as **123**
8. No need automate captcha
9. Click on checkbox of term and condition

Task 2

* + - 1. Navigate to <http://demo.guru99.com/test/newtours/register.php>
      2. Enter firstname as **John**
      3. Enter lastname as **Wick**
      4. Enter phone as **898989**
      5. Enter email as **admin@gmail.com**
      6. Enter address as **#89, 4th street**
      7. Enter city as **Chennai**
      8. Enter state as **Tamil Nadu**
      9. Enter postal codeas **655556**
      10. Enter username **admin**
      11. Enter password **admin123**
      12. Enter confirm password **admin123**
      13. Click on submit

### **Task 10 – Aug 30, 2021**

(Add Thread.Sleep(5000) before findelement if any error)

1. Navigate to <https://github.com/>
2. Click on Sign in
3. Enter username as **hello**
4. Enter password as **89hello**
5. Click Sign in

### **Task 11 – Aug 31, 2021 (Open in incognito window to inspect)**

1. Navigate onto <https://www.medibuddy.in/>
2. Click on Not Now button
3. Click on Sign up
4. Click on I have an Insurance/Corporate Account
5. Enter some username and password
6. Click on sign up

### **Task 12 – Sep 1, 2021**

1. Navigate onto <https://www.oracle.com/in/database/>
2. Click on View Account
3. Click on Sign in
4. Get and print the title of the page
5. Get and print the current url of the page
6. Get and print the page header (Oracle account sign in)
7. Enter username as john
8. Enter password as john123
9. Click on sign in
10. Get the error message and print it in console (Invalid username and/or password.)

### **Task 13 – Sep 2, 2021**

1. Create new project
2. Setup the jar and driver file for browser launch
3. Navigate onto <https://www.salesforce.com/in/form/signup/freetrial-sales/>
4. Enter first name as “John”
5. Enter last name as “wick”
6. Enter work email as “john@gmail.com”
7. Select Job title as “IT Manager”
8. Select Employees as “101-500 employees”
9. Select country as “United Kingdom”
10. Do not fill the phone number
11. Click on check box
12. Click on start my free trial
13. Get the error message displayed “Enter a valid phone number”

### **Task 14 – Sep 7, 2021**

1. Navigate onto <http://demo.openemr.io/b/openemr/interface/login/login.php?site=default>
2. Update username as admin
3. Update password as pass
4. Select Language as “English (Indian)”
5. Click on the login button
6. Click on Messages
7. Click on Add New
8. Enter text in text area as “hello”
9. Select Type as Pharmacy
10. Select Status as New
11. Select 1st user shown
12. Click on Send message
13. Print the error message - Please choose a patient

### **Task 15– Sep 7, 2021 (Simple Assignment - (Simple Assignment - Please practice on below topics steps if you have confusion on using locators, click, sendkeys, dropdown)**

Task 15.1

1. Navigate onto <https://www.db4free.net/phpMyAdmin>
2. Select English from the dropdown
3. Enter username as admin
4. Enter password as pass
5. Click on Go

Task 15.2

1. Navigate onto <https://nasscom.in/about-us/career>
2. Click on New User
3. Enter First name as admin
4. Enter Last name as pass
5. Enter email address as [admin@gmail.com](mailto:admin@gmail.com)
6. Enter company name as Google
7. Select IT Consulting from dropdown
8. No need to automate CAPTCHA
9. Click on Register

### **Task 16 – Sep 8, 2021**

1. Navigate onto <https://demo.openemr.io/b/openemr/interface/login/login.php?site=default>

2. Update username as admin

3. Update password as pass

4. Click on the login button

5. Click on Patient/Client and Click on Patients

6. Click Add New Patient

7. Add the first name, last name

8. Update DOB as today's date

9. Update the Sex

10. Click on the create new patient button above the form

11. Click on confirm create new patient button.

12. Print the text from alert box (if any error before handling alert add 5 sec wait)

13. Handle alert

14. Close the Happy Birthday popup

15. Get the added patient name and print in the console.

### **Task 17 – Sep 9, 2021**

1. Navigate onto <https://www.automationworld.com/>
2. Close if any popup
3. Click on Subscribe
4. Check - Automation News & Trends and System Integrators
5. Fill first name, last name, email address as [john@google.com](mailto:john@google.com), job title and leave company URL as blank
6. Select Country as India
7. Select Primary end product manufactured as “Aerospace, aircraft and defense products”
8. Check - Integration or consulting& Trends and Sales
9. Get the error message and print -

Error Displayed: **Company Website URL** is required.

### **Task 18 – Sep 11, 12, 2021**

1. Navigate onto <https://demo.openemr.io/b/openemr/interface/login/login.php?site=default>

2. Update username as admin

3. Update password as pass

4. Click on the login button

5. Click on Patient/Client and Click on Patients

6. Click Add New Patient

7. Add the first name, last name

8. Update DOB as today's date

9. Update the Sex

10. Click on the create new patient button above the form

11. Click on confirm create new patient button.

12. Print the text from alert box (if any error before handling alert add 5 sec wait)

13. Handle alert

14. Close the Happy Birthday popup

15. Get the added patient name and print in the console.

**Task** (this task will be bit complicated so give a try otherwise we can do it in session)

1. Navigate onto <https://www.royalcaribbean.com/account/signin>
2. Click Create an account
3. First Name as Dennis
4. Last Name as Rich
5. Select Month as April
6. Day as 4
7. Year as 1990
8. Country as India
9. Leave email address as blank
10. Enter password as pass@123
11. Select as “What was your first car's make or model?”
12. Type any answer
13. Accept the terms and condition
14. Click done