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# **JAVA**

### **Day 1 - Task 1**

Solve any 5 from (Java Assignment.docx) in the github

### **Day 1 - Task 2**

Create static method inside the class **Area**

* For Area Of Square
* For Area Of Trapezium

**Area = (1/2) h (a+b)**

### **Day 1- Task 3**

1. Create New Java Project and name it as “**MathArticleProject**”
2. Create a package with name as “**com.HA.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 Cuboid](https://byjus.com/maths/volume-of-cuboid/) | [Volume Of Cone](https://byjus.com/maths/volume-of-cone/) |

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

### **Day 2 - Task 4**

1. Create Student type with below details (decide between static and non-static variable)

**Student - attributes/state**

* **studentRollno (private)**
* **studentName (private)**
* **studentMailid (private)**
* **studentPercentage (private)**
* **schoolName (private)**

1. Create 3 different instance for storing below values

**1001,"jack",jack@gmail.com,45.2, Global school**

**1002,"peter",peter@gmail.com,85.2, Global school**

**1003,"mark",mark@gmail.com,56.5, Global school**

1. Create a non-static method to display student name

# **Day 3 –Selenium - Ignore dropdown**

## **Task 1**

1. Navigate onto  <https://www.goto.com/meeting/>
2. Click on Accept Recommended Settings
3. Click on Try Free
4. Enter first name as “John”
5. Enter last name as “wick”
6. Enter work email as “john@gmail.com”
7. Company size – 10-99
8. Click on signup

## **Task 2**

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

# **Day 4 –Selenium**

## **Task 1**

1. Navigate onto <https://www.online.citibank.co.in/>
2. Close if any pop up comes
3. Click on Login
4. Click on Forgot User ID?
5. Choose Credit Card
6. Enter credit card number as 4545 5656 8887 9998
7. Enter cvv number
8. Enter date as “14/04/2022”

driver.findElement(By.*id*("bill-date-long")).sendKeys("14/04/2022");

1. Click on Proceed
2. Get the text and print it “Please accept Terms and Conditions”

## **Task 2**

1. Navigate onto <http://demo.openemr.io/b/openemr/>
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 Patient 🡪 Click New Search
7. Add the first name, last name
8. Update DOB as today's date driver.findElement(By.id("form\_DOB")).sendKeys("2021-12-06");
9. Update the gender
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 3**

1. Navigate onto <https://www.royalcaribbean.com/>
2. Close if any pop up. or load create an account page directly and do from step 4
3. Click Sign in and Click Create an account
4. First Name as Dennis
5. Last Name as Rich
6. Select Month as April
7. Day as 4
8. Year as 1990
9. Country as India
10. Any email address and password
11. Select as “What was your first car's make or model?”
12. Type answer
13. Accept the terms and condition
14. Click done

## **Task 4**

1. Launch the web site https://www.phptravels.net/home
2. Goto Flights
3. Choose "FROM" location as "Los Angeles" (LAX)
4. Choose "TO" as "Dallas" (DAL)
5. Set the travel date “2022-05-30”
6. Adult as 2
7. Get the first flight details and print
8. Close the browser