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# **Day 1**

# Task 1

1. Create console app project
2. Create a class with name as “**Volume**” and namespace as CompanyName.Formulae
3. Create static method for below formula (any 4 methods)

|  |  |
| --- | --- |
| [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 a class with name as “**Runner**” and namespace as CompanyName.Formulae

Task 2

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

Student - attributes/state

•   studentRollno

•   studentName

•   studentMailid

•   studentPercentage

•   schoolName

•   schoolAddress

1. create a method to printStudentDetails
2. Create stud\_runner module under student\_runner package

Create 3 different instance for storing below values

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

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

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

Task 3

1. Create the Item class in the package amazon\_package

2. Declare public fields for ID (int), descr (String),

    quantity (int), price (double).

3. Create ShoppingCart class.

4. Declare and instantiate 2 objects of type Item. Initialize only

     the descr field in each, using different values for each.

5. Print the description for each item and run the code.

6. (Optional) Above the code that prints the descriptions,

     assign item2 to item1.  Run it again.

7. create a method in item class to print discounted price.

    If qty = 2 --> print the final price by providing 10% discount of price

    If qty = 3 to 5--> print the final price by providing 15% discount of price

    If qty >5 --> print the final price by providing 25% discount of price

    Example:

    price = 100

    qty = 2

    if qty==2

        final\_price = (price – (price\*10/100))\*qty

        print(final\_price)

# **Day 2**

# Task 1 (Important)

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”

# Task 2 (Important) - Multiple tabs

1. Navigate onto https://www.online.citibank.co.in/
2. Close if any pop up comes
3. Click on My Account
4. Click on Banking with citi
5. In new tab
6. Enter userid as john123
7. Click on signup
8. Get the error displayed for password

# Task 3 (Important)

1. Navigate onto https://www.medibuddy.in/
2. Close if any popup and Click on Login
3. Click on I have Corporate Account
4. Click on Learn More
5. Click on Skip
6. Click on Login using Username & Password
7. Enter username as john
8. Enter password as john123
9. Click on show password
10. Click log in
11. Get the error message shown and print it in terminal

# Task 4

1. Navigate onto https://nasscom.in/
2. Click on Login and then click on register
3. Enter First name as admin
4. Enter Last name as pass
5. Enter email address as 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 4

1. Navigate to <https://secure1.inmotionhosting.com/index/login>
2. Click on visit our support center
3. Click on “No Thanks” if any popup
4. Search for “diskspace”
5. Get the text “Search Results for: diskspace” and print it

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# Task 3 (Important)

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("2024-01-12");

1. Update the gender
2. . Click on the create new patient button above the form
3. . Click on confirm create new patient button.
4. . Print the text from alert box (if any error before handling alert add 5 sec wait)
5. . Handle alert
6. Close the Happy Birthday popup
7. Get the added patient name and print in the console.

# Task 3 (Important) - shadowroot element

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. Any email address and password
10. Select as “What was your first car's make or model?”
11. Type answer
12. Accept the terms and condition
13. Click done