Contents - Assignments

[JAVA 1](#_Toc94534456)

[***Day 1 - Task 1*** 1](#_Toc94534457)

[***Day 1 - Task 2*** 1](#_Toc94534458)

[***Day 1- Task 3*** 1](#_Toc94534459)

[*Day 2 - Task 4* 2](#_Toc94534460)

# **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**

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

1. **Create 3 different instance for storing below values**

**M1001,"jack",jack@gmail.com,45.2, Global school**

**M1002,"peter",peter@gmail.com,85.2, Global school**

**M1003,"mark",mark@gmail.com,56.5, Global school**