**Day-1 Class, method, object**

**Day-1:**

1. Java Introduction

2. Class,Method,Object

3. Same package and Different package

4. Encapsulation

**QUESTIONS (Theory**

1. What is platform independent?

2. What is open source?

3. Difference between JDK,JRE,JVM?

4. Why we go for java?

5. What is the latest version of JDK and which version you are using in your project?

6. What is the latest version of eclispe and which version you are using in your project?

7. Difference between c++ and java?

8. Features of java?

9. What type of tool you are using in your project to execute java?

10. Difference between class,method,object?

11. Where object stores?

12. How to access one class method in to another package in different package?

13. What is encapsulation?

14. Coding standard to create project,class,method,package and object ?

15. What gives Java it's "write once and run anywhere" nature?

**PROGRAMS**

**QUESTION 1:**

Project : EmployeeDetails

Package : org.emp

Class : Employee

Methods: empId(),empName(),empDob(),

empPhone(),empEmail(),empAddress()

Description:

Create an object for employee class and call above methods also follow the all coding standards.

**QUESTION 2:**

Project : GreensAddress

Package: org.add

Class : GreensTech

Methods : greensOmr(),greensAdayar(),greensTambaram(), ,greensVelacherry(),greensAnnaNagar()

Description:

Create an object for GreensTech class and call above methods also follow the all coding standards.

**QUESTION 3:**

Project :CompanyDetails

Package: org.company

Class :CompanyInfo

Methods : companyName(),companyId(),companyAddress()

Description:

Create an object for CompanyDetails class and call above methods also follow the all coding standards.

**QUESTION 4:**

Project :MyPhone

Package :org.phone

Class :PhoneInfo

Methods :phoneName(),phoneMieiNum(),Camera(),storage(),osName()

Description:

Create an object for PhoneInfo class and call above methods also follow the all coding standards.

**QUESTION 5:**

Project :LanguageDetails

Package :org.lang

Class :LanguageInfo

Methods :tamilLanguage(),englishLanguage(),hindiLanguage()

Class :StateDetails

Methods :southIndia(),northIndia()

Description:

Create an object for LanguageInfo and StateDetails inside

StateDetails class and call both classes methods also follow the all coding standards.

**QUESTION 6:**

Project :EmployeeInformation

Package :org.emp

Class :Employee

Methods :empName()

Package :org.company

Class :Company

Methods :companyName()

Package :org.client

Class :Client

Methods :clientName()

Package :org.project

Class :Project

Methods :projectName()

Description:

Create an object for all 4 classes inside the Employee class and call all classes methods also follow the all coding standards.

**QUESTION 7:**

Project :PhoneDetails

Package :org.phone

Class :ExternalStorage

Methods :size()

Class :InternalStorage

Methods :processorName(),ramSize()

Description:

Create an object for ExternalStorage and InternalStorage inside the InternalStorage class and call both classes methods also follow the all coding standards.

**QUESTION 8:**

Project :CollegeInformation

Package :org.college

Class :College

Methods :collegeName(),collegeCode(),collegeRank()

Class :Student

Methods :studentName(),studentDept(),studentId()

Class :Hostel

Methods :hostelName()

Class :Dept

Methods :deptName()

Description:

Create an object for all 4 classes inside the College class and call all classes methods also follow the all coding standards.

**QUESTION 9:**

Project :VehicleInformation

Package :org.allvehicle

Class :Vehicle

Methods :VehicleNecessery()

Package :org.twowheeler

Class :TwoWheller

Methods :bike(),cycle()

Package :org.threewheeler

Class :ThreeWheeler

Methods :Auto()

Package :org.fourwheeler

Class :FourWheeler

Methods :car(),bus(),lorry()

Description:

Create an object for all 4 classes inside the Vehicle class and call all classes methods also follow the all coding standards.

**QUESTION 10:**

Project :TransportInformation

Package :org.transport

Class :Transport

Methods :TransportForm

Package :org.road

Class :Road

Methods :bike(),cycle(),bus(),car()

Package :org.air

Class :Air

Methods :aeroPlane(),heliCopter()

Package :org.water

Class :Water

Methods :boat(),ship()

Description:

Create an object for all 4 classes inside the Transport class and call all classes methods also follow the all coding standards.

**QUESTION 11:**

Project :NetworkInformation

Package :org.network

Class :Wifi

Methods :wifiName()

Class :MobileData

Methods :dataName()

Class :Lan

Methods :lanName()

Class :Wireless

Methods :modamName()

Description:

Create an object for all 4 classes inside the Wifi class and call all classes methods also follow the all coding standards.