

Day1_Class,method,object

DAY1:

- 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 eclipse 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?

QUESTIONS (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(), greensAnnaN
agar()
```

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 the 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.