

Day1_Class,method,object,Same package And different package
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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      :EdutechAddress
Package      :org.add
Class        :Edutech
Methods
:EdutechOmr(),EdutechAdayar(),EdutechTambaram(),EdutechVelacherry(),EdutechAnnaNagar()
```

Description:

Create an object for EduTech 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.