

## Day1\_Class,method,object

DAY1:

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- 1.Java Introduction
- 2.Class,Method,Object
- 3.Same package and Different package
- 4.Encapsulation

### QUESTIONS(Theory):

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- 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):

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#### QUESTION 1:

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```
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:

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```
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:

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```
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:

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```
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:**

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```
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:**

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```
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:**

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```
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:**

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```
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:**

```
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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:**

```
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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.