Day2\_Inheritance,Scanner,Datatype,access specifier

DAY2:

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1.Inheritance

2.Access specifiers

3.Data types

4.Scanner class

QUESTIONS(Theory)

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1.What is mean by inheritance?

2.Types of inheritance and explain all types?

3.What is mean by multiple inheritance,why java won't support multiple inheritance?

4.Difference between hybrid and hierachical inheritance?

5.What is the use of access specifier and types?

6.Difference between public and protected?

7.What is mean by Wrapper class?

8.What is default value of String?

9.What is difference between primitive and non primitive datatypes?

10.What is default package in java?

11.What is the super class of all java class?

12.What is use of scanner class?

13.What are the different methods available in Scanner class?

14.Scanner class is under which package?

15.Difference between next() and nextLine()?

QUESTIONS(Programs)

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QUESTION 1:

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Description: Using Scanner class get the below details

empId

empName

empEmail

empPhoneno

empSalary

empGender

empCity

QUESTION 2:

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Description: Using Scanner class get the below details

studentId

studentName

Mark1

Mark2

Mark3

Mark4

Mark5

:Find the total and average of marks

QUESTION 3:

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package name: org.all

Project name: LanguageDetails

Class name : Languageclass

Methods : alllanguage

package name: org.tamil

Project name: LanguageDetails

Class name : Tamil

Methods : tamillanguage

package name: org.english

Project name: LanguageDetails

Class name : English

Methods : englishlanguage

package name: org.telgu

Project name: LanguageDetails

Class name : Telgu

Methods : telgulanguage

Description:

create above 4 packages and call all your class methods into the Languageclass using multilevel inheritance.

QUESTION 4:

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package name: org.india

Project name: SouthIndia

Class name : India

Methods : india

package name: org.tamilnadu

Project name: SouthIndia

Class name : TamiladuN

Methods : tamillanguage

package name: org.kerala

Project name: SouthIndia

Class name : kerala

Methods : malayalam

package name: org.andrapradesh

Project name: SouthIndia

Class name : AndhraPradesh

Methods : telugu

Description:

create above 4 packages and call all your class methods into the India using multilevel inheritance.

QUESTION 5:

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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 above 4 class and call all your class methods into the Student using multilevel inheritance.

QUESTION 6:

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Project :COmputer

Class :Computer

Methods :computerModel()

Class :Desktop

Methods :desktopSize()

Description:

create above 2 class and call all your class methods into the Desktop using single inheritance.

QUESTION 7:

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Project :LanguageDetails

Package :org.lang

Class :LanguageInfo

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

Class :StateDetails

Methods :southIndia(),northIndia()

Description:

create above 2 class and call all your class methods into the LanguageInfo using single inheritance.

QUESTION 8:

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Description: Using Scanner class get the below details

StudentId

StudentName

StudentEmail

StudentPhoneno

StudentDept

StudentGender

StudentCity

QUESTION 9:

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Project :BankDetails

Package :org.bank

Class :BankInfo

Methods :saving(),fixed()

Class :AxisBank

Methods :deposit()

Description:

create above 2 class and call all your class methods into the BankInfo using single inheritance.

QUESTION 10:

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Project :CompanyDetails

Package :org.company

Class :Company

Methods :companyName()

Package :org.client

Class :Client

Methods :clientName()

Description:

create above 2 packages and call all your class methods into the Comapany using single inheritance.

QUESTION 11:

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Project :EducationInformation

Package :org.edu

Class :Education

Methods :ug(),pg()

Class :Arts

Methods :bsc(),bEd(),bA(),bBA()

Class :Engineering

Methods :bE(),bTech()

Class :Medicine

Methods :physiyo(),dental(),mbbs()

Description:

create above 4 class and call all your class methods into the Education using multilevel inheritance.