



Package Explorer

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- > CollegeInformation
- > CompanyDetails
- > controlStat
- > DataType
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- > Inheritance
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- > ScannerClass
 - > JRE System Library [JavaSE-1.8]
 - > src
 - > org.scanner
 - > ScannerClass.java
- > String
- > StringNew
- > TransportInformation
- > VehicleInformation

ScannerClass.java

```
1 package org.scanner;  
2 // Day2 Q1  
3 import java.util.Scanner;  
4  
5 public class ScannerClass {  
6     public static void main(String[] args) {  
7         Scanner i=new Scanner(System.in);  
8  
9         System.out.println("Day2 Q1");  
10        System.out.println("\nEnter emp id");  
11        int nextInt = i.nextInt();  
12        System.out.println("emp id");  
13  
14        System.out.println("Enter Employee Name");  
15        String next = i.next();  
16        System.out.println("Employee Name");  
17  
18        System.out.println("Emp Email Id");  
19        String next4 = i.next();  
20        System.out.println("Employee Email Id");  
21  
22        System.out.println("Emp Phone no");  
23        long nextLong = i.nextLong();  
24        System.out.println("Emp Phone No");  
25  
26        System.out.println("Emp Salary");  
27        float nextFloat = i.nextFloat();  
28        System.out.println("Emp Salary");  
29  
30        System.out.println("Emp Gender");  
31        String next2 = i.next();  
32        System.out.println("Emp Gender");  
33  
34        System.out.println("Employee city");  
35        String next3 = i.next();  
36        System.out.println("Employee City");  
37    }  
38  
39
```

Quick Access



<terminated> ScannerClass [Java Application] C:\Prog

Day2 Q1

Enter emp id

247

emp id

Enter Employee Name

Gowtham

Employee Name

Emp Email Id

gowthamtamilmani@gmail.com

Employee Email Id

Emp Phone no

8526699331

Emp Phone No

Emp Salary

15.000

Emp Salary

Emp Gender

m

Emp Gender

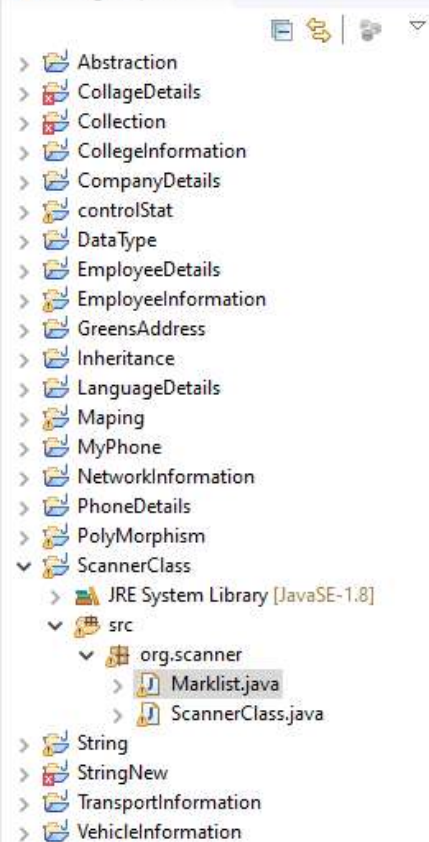
Employee city

Chidambaram

Employee City



Package Explorer



ScannerClass.java *Marklist.java

```
1 package org.scanner;  
2 //Day2 Q2 bending  
3 import java.util.Scanner;  
4  
5  
6 public class Marklist {  
7     public static void main(String[] args) {  
8         Scanner m=new Scanner(System.in);  
9  
10        System.out.println("Student Id");  
11        int nextInt = m.nextInt();  
12  
13        System.out.println("Student Name");  
14        String next = m.next();  
15  
16        System.out.println("Mark 1");  
17        byte nextByte = m.nextByte();  
18  
19        System.out.println("Mark 2");  
20        byte nextByte2 = m.nextByte();  
21  
22        System.out.println("Mark 3");  
23        byte nextByte3 = m.nextByte();  
24  
25        System.out.println("Mark 4");  
26        byte nextByte4 = m.nextByte();  
27  
28        System.out.println("Mark ");  
29        byte nextByte5 = m.nextByte();  
30  
31  
32  
33  
34  
35  
36    }  
37  
38  
39
```

Pro... @ Jav... Decl... Con...

<terminated> Marklist [Java Application] C:\Program Files\J
Student Id
247
Student Name
Amar
Mark 1
11
Mark 2
22
Mark 3
33
Mark 4
44
Mark
55



Writable

Smart Insert

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 - English.java
 - org.lang
 - org.tamil
 - Tamil.java
 - org.telgu
 - Telgu.java
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Languageclass.java

```
1 package org.all;
2 //Day2 Q3 multilevel inheritance
3 import org.tamil.Tamil;
4
5 public class Languageclass extends Tamil{
6     private void alllanguage() {
7         System.out.println("Day2 Q3 multilevel inheritance");
8         System.out.println("\nAll Languages Child class");
9     }
10    public static void main(String[] args) {
11        Languageclass l=new Languageclass();
12        l.alllanguage();
13        l.englishlanguage();
14        l.tamillanguage();
15        l.telgulangauge();
16    }
17
18
19
20
21
22 }
23
```

Languageclass [Java Application] |
Day2 Q3 multilevel inheritance

All Languages Child class
English language Parent class
Tamil language Parent class
Telgu language Parent class

Find

org.all
Languageclass

- alllanguage()
- main(String[])

Writable

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 - ▼ org.andrapradesh
 - > AndhraPradesh.java
 - ▼ org.india
 - > India.java
 - ▼ org.kerala
 - > kerala.java
 - ▼ org.tamilnadu
 - > TamiladuN.java
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India.java TamiladuN.java kerala.java AndhraPradesh.java

```
1 package org.india;
2 //Day2 Q4 multilevel inheritance
3 import org.tamilnadu.TamiladuN;
4
5 public class India extends TamiladuN{
6     public void india() {
7         System.out.println("Day2 Q4 multilevel inheritance\n");
8         System.out.println("India Sub class");
9     }
10    public static void main(String[] args) {
11        India i=new India();
12        i.india();
13        i.tamillanguage();
14        i.malayalam();
15        i.telugu();
16    }
17
18 }
19
```

Quick Access

<terminated> India [Java Application] C:\Program Files\Java\jre
Day2 Q4 multilevel inheritance

India Sub class
Tamilnadu Super class
Kerala Super class
AndhraPradesh Super class

Find

org.india
India
india() : void
main(String[] args)

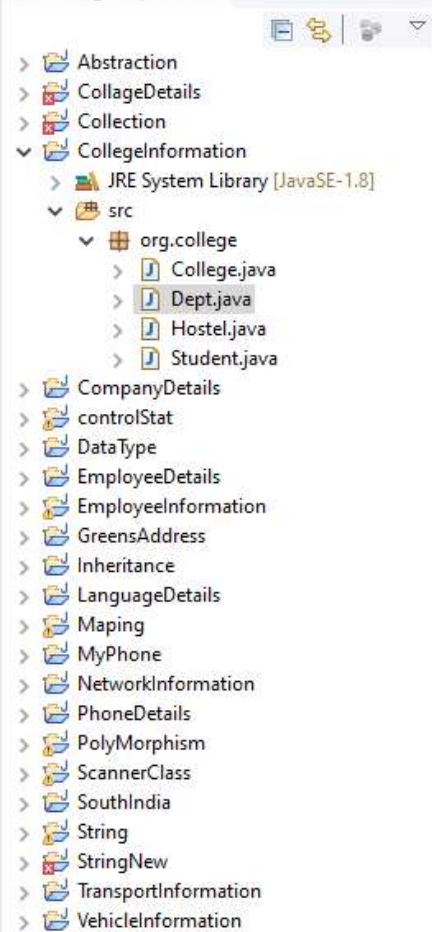
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Smart Insert

19:1



Package Explorer



College.java

Student.java

Hostel.java

Dept.java

```
1 package org.college;
2 //Day2 Q5 multilevel inheritance
3 public class Student extends College{
4     public void studentName() {
5
6         System.out.println("Name = Gowtham");
7     }
8     public void studentDept() {
9         System.out.println("Student Dep = Manufacturing");
10    }
11    public void studentId() {
12        System.out.println("Student Id = "+131040659);
13    }
14    public static void main(String[] args) {
15        Student s=new Student();
16        s.collegeCode();
17        s.collegeName();
18        s.collegeRank();
19        s.studentName();
20        s.studentDept();
21        s.studentId();
22        s.deptName();
23        s.hostelName();
24    }
25 }
26
27 }
28
```

Prob...

Java...

Decl...

Con...

<terminated> Student [Java Application] C:\Program Files\Java\Day2 Q5

College code = 1
Collage Name = Annamalai University
College Rank = NAC 'A'
Name = Gowtham
Student Dep = Manufacturing
Student Id = 131040659
Dept Name = Eneineering
Hostel Name = Golden Jublee

Find

Writable

Smart Insert

22 : 22

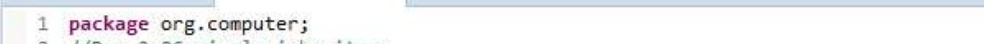


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Computer.java Desktop.java



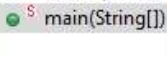
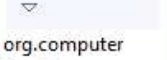
```
1 package org.computer;
2 //Day 2 Q6 single inheritanc
3 public class Desktop extends Computer {
4     public void desktopSize() {
5         System.out.println("14.5");
6     }
7     public static void main(String[] args) {
8         Desktop d=new Desktop();
9         d.computerModel();
10        d.desktopSize();
11    }
12
13
14 }
15
```

Quick Access



<terminated> Desktop [Java Application] C:\Program Files\Java
Day2 Q6 single inheritanc

De11 001
14.5





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 - > org.lang
 - > LanguageInfo.java
 - > StateDetails.java
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 - > org.telgu
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- > String
- > StringNew

LanguageInfo.java StateDetails.java

```
1 package org.lang;
2 //Day2 Q7 single inheritance
3 public class LanguageInfo extends StateDetails{
4     public void tamilLanguage() {
5         System.out.println("Day2 Q7 single inheritance\n");
6         System.out.println("Tamil Language = My Mother toung");
7     }
8     public void englishLanguage() {
9         System.out.println("English Language = World Common Language");
10    }
11    public void hindiLanguage() {
12        System.out.println("Hind Langauge = One of the Language in India");
13    }
14    public static void main(String[] args) {
15        LanguageInfo l=new LanguageInfo();
16        l.tamilLanguage();
17        l.englishLanguage();
18        l.hindiLanguage();
19        l.southIndia();
20        l.northIndia();
21    }
22 }
23 }
24 }
25 }
26 }
```

Prob... Java... Decl... Con...

<terminated> LanguageInfo [Java Application] C:\Program File
Day2 Q7 single inheritance

Tamil Language = My Mother toung
English Language = World Common Langauge
Hind Langauge = One of the Language in India

States in South India
Tamilnadu
kerala
Andrapradesh
karnadaga

Staes in North India
Delhi
Punjab
Gujurath

Find

org.lang
LanguageInfo

- tamilLanguage
- englishLangua
- hindiLanguage
- main(String[])

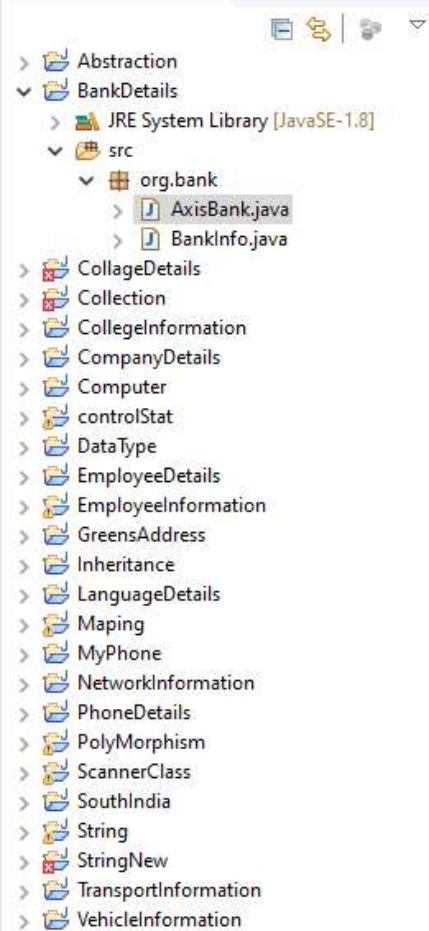
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25 : 2



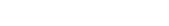
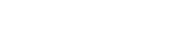
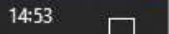
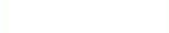
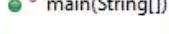
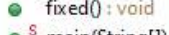
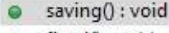
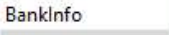
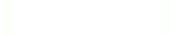
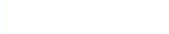
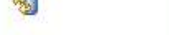
Package Explorer



BankInfo.java AxisBank.java

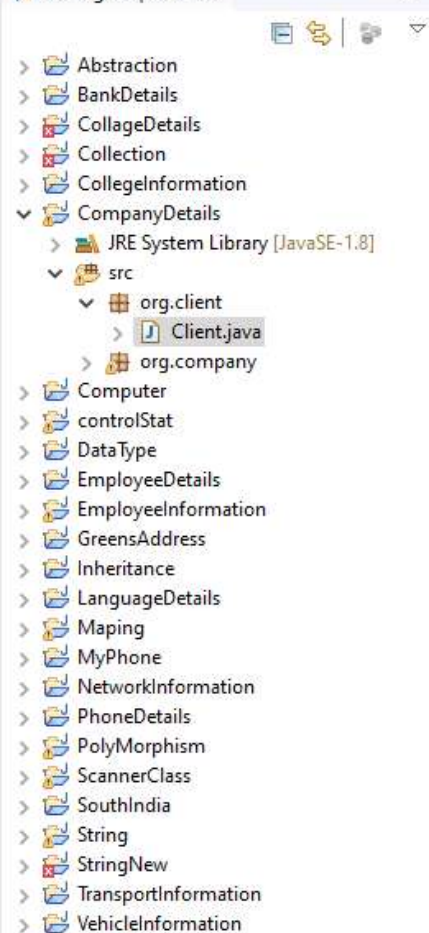
```
1 package org.bank;
2 //Day2 Q9 Single Inheritance
3
4 public class BankInfo extends AxisBank{
5     public void saving() {
6         System.out.println("Day2 Q9 Single Inheritance\n");
7         System.out.println("Savings 20%");
8     }
9     public void fixed() {
10        System.out.println("fixed 30%");
11    }
12    public static void main(String[] args) {
13        BankInfo b=new BankInfo();
14        b.saving();
15        b.fixed();
16        b.deposit();
17    }
18 }
19
```

Quick Access

<terminated> BankInfo [Java Application] C:\Program Files\Java
Day2 Q9 Single InheritanceSavings 20%
fixed 30%
Deposit 50%



Package Explorer



CompanyInfo.java Client.java

```
1 package org.company;
2 //Day2 Q10 Single inherients different package
3 import org.client.Client;
4
5 public class CompanyInfo extends Client {
6     public void companyName() {
7         System.out.println("Day2 Q10 Single inherients different package ");
8         System.out.println("\n"+"Greens Tech");
9     }
10    private void companyId() {
11        System.out.println(2022);
12    }
13    private void companyAddress() {
14        System.out.println("Chennai");
15    }
16    public static void main(String[] args) {
17        CompanyInfo c=new CompanyInfo();
18        c.companyName();
19        c.clientName();
20    }
21 }
22
23
24
```

Quick Access

<terminated> CompanyInfo [Java Application] C:\Program File
Day2 Q10 Single inherients different packageGreens Tech
Clint Id = Mitoy

Find

org.company
CompanyInfo
companyNam
companyId()
companyAddr
main(String[])



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Education.java Arts.java Engineering.java Medicine.java

```
1 package org.edu;
2 //Day2 Q11 multilevel inheritance
3
4 public class Education extends Arts {
5     public void ug() {
6         System.out.println("Day2 Q11 multilevel inheritance\n");
7         System.out.println("UG");
8         System.out.println("BE\tBA\tBBA\n");
9     }
10    public void pg() {
11        System.out.println("PG");
12        System.out.println("ME\tMA\tMS\n");
13    }
14 }
15 public static void main(String[] args) {
16     Education e=new Education();
17     e.ug();
18     e.pg();
19     e.bA();
20     e.bBA();
21     e.bEd();
22     e.bsc();
23     e.bE();
24     e.bTech();
25     e.mbbs();
26     e.dental();
27     e.physiyo();
28 }
29
30 }
31
```

Problems Javadoc Declaration Console

<terminated> Education [Java Application] C:\Program Files\Java\jre1.8.0_311\bin
Day2 Q11 multilevel inheritance

UG
BE BA BBA

PG
ME MA MS

BA= Tamil, English
BBa= Accounts
BEd= Biology , Zoology
Bsc= Physics , Chemistry, Maths
BE= mech, civil, EEE
Btech= It, csc
MBBS= ortho
dental= Root
Physicology= Physcatist

Writable

Smart Insert

18:16

