

QUESTION 2:

Project :EmployeeDetails

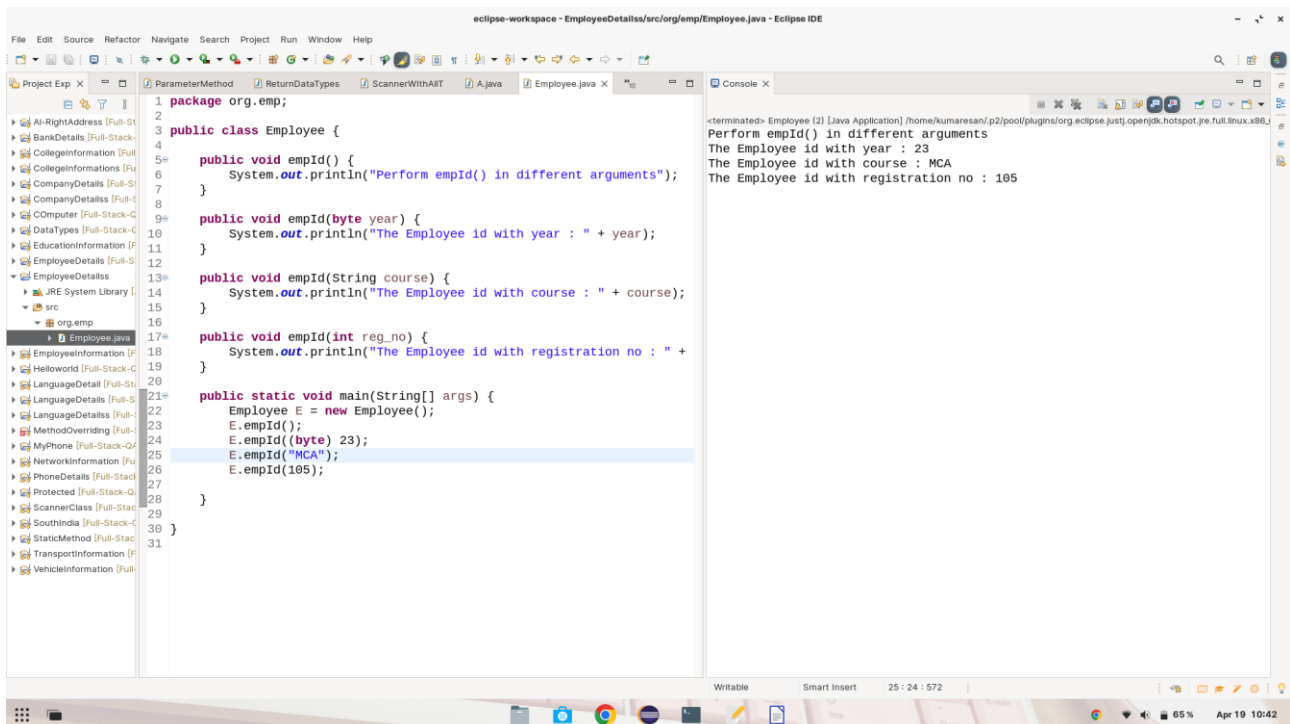
Package :org.emp

Class :Employee

Methods :empId()

Description

You have to overload the method empId() based on different datatype in arguments.



```
package org.emp;

public class Employee {

    public void empId() {
        System.out.println("Perform empId() in different arguments");
    }

    public void empId(byte year) {
        System.out.println("The Employee id with year : " + year);
    }

    public void empId(String course) {
        System.out.println("The Employee id with course : " + course);
    }

    public void empId(int reg_no) {
        System.out.println("The Employee id with registration no : " + reg_no);
    }

    public static void main(String[] args) {
        Employee E = new Employee();
        E.empId();
        E.empId((byte) 23);
        E.empId("MCA");
        E.empId(105);
    }
}
```

Console Output:

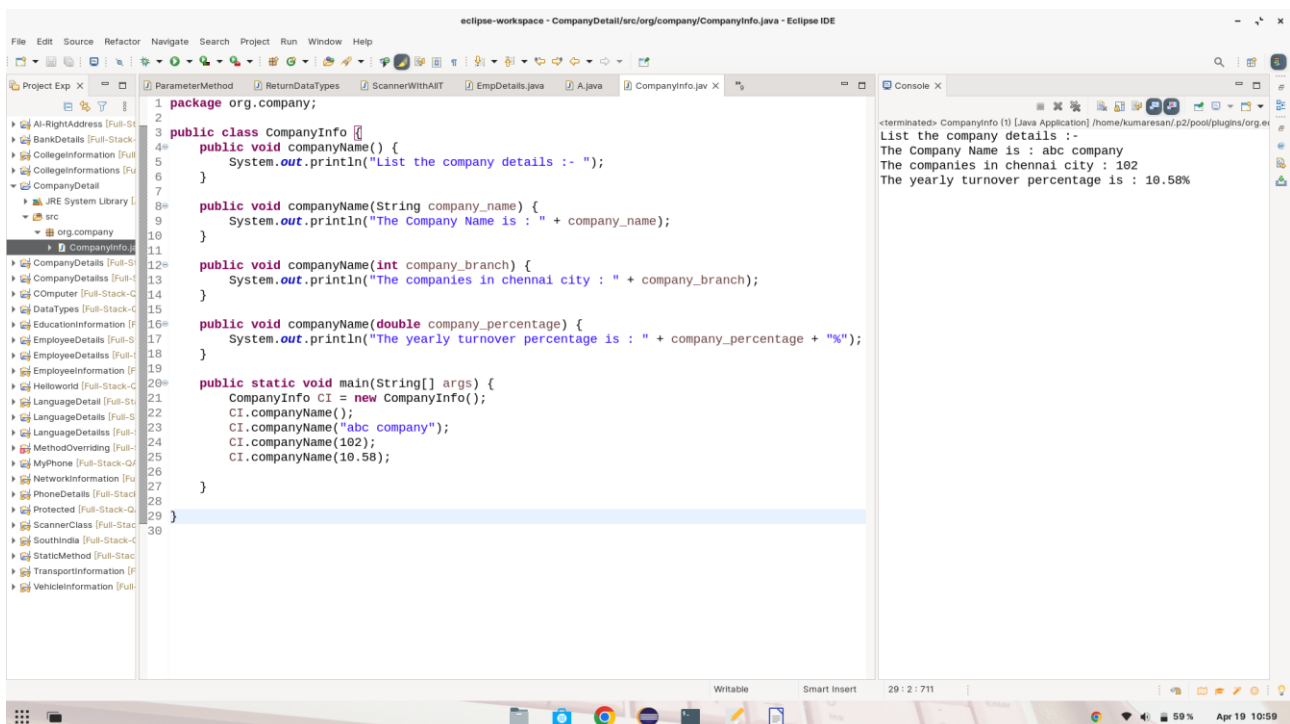
```
<terminated> Employee (2) [Java Application] /home/kumarecan/p2/pool/plugins/org.eclipse.justi.openjdk.hotspot.jre.full.linux.x86_64
Perform empId() in different arguments
The Employee id with year : 23
The Employee id with course : MCA
The Employee id with registration no : 105
```

QUESTION 3:

Project :CompanyDetails
Package :org.company
Class :CompanyInfo
Methods :companyName()

Description

You have to overload the method companyName() based on different Number of arguments.



```
1 package org.company;
2
3 public class CompanyInfo {
4     public void companyName() {
5         System.out.println("List the company details :- ");
6     }
7
8     public void companyName(String company_name) {
9         System.out.println("The Company Name is : " + company_name);
10    }
11
12    public void companyName(int company_branch) {
13        System.out.println("The companies in chennai city : " + company_branch);
14    }
15
16    public void companyName(double company_percentage) {
17        System.out.println("The yearly turnover percentage is : " + company_percentage + "%");
18    }
19
20    public static void main(String[] args) {
21        CompanyInfo CI = new CompanyInfo();
22        CI.companyName();
23        CI.companyName("abc company");
24        CI.companyName(102);
25        CI.companyName(10.58);
26    }
27
28 }
29
30
```

Console Output:

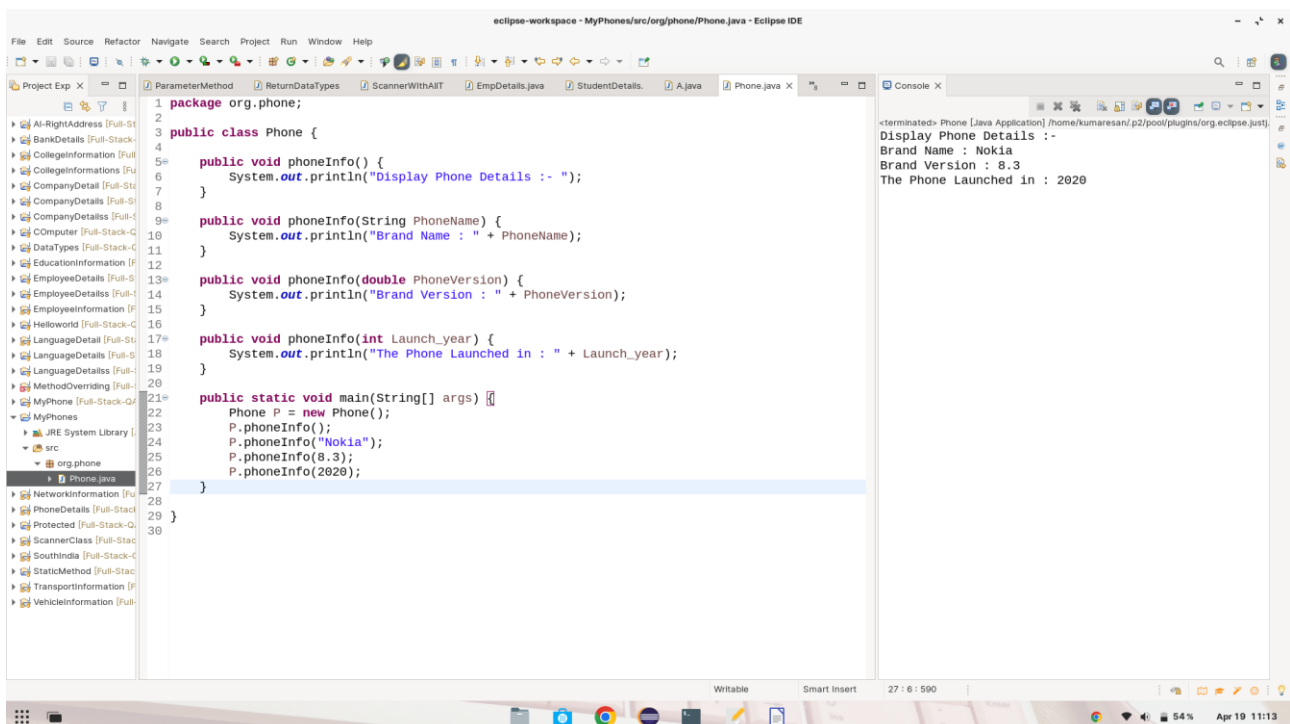
```
<terminated> CompanyInfo (1) [Java Application] /home/kumaresan/p2/pool/plugins/org.e
List the company details :-
The Company Name is : abc company
The companies in chennai city : 102
The yearly turnover percentage is : 10.58%
```

QUESTION 4:

Project :MyPhone
Package :org.phone
Class :Phone
Methods :phoneInfo()

Description

You have to overload the method phoneInfo() based on different datatype order in arguments.



```
1 package org.phone;
2
3 public class Phone {
4
5     public void phoneInfo() {
6         System.out.println("Display Phone Details :- ");
7     }
8
9     public void phoneInfo(String PhoneName) {
10        System.out.println("Brand Name : " + PhoneName);
11    }
12
13    public void phoneInfo(double PhoneVersion) {
14        System.out.println("Brand Version : " + PhoneVersion);
15    }
16
17    public void phoneInfo(int Launch_year) {
18        System.out.println("The Phone Launched in : " + Launch_year);
19    }
20
21    public static void main(String[] args) {
22        Phone P = new Phone();
23        P.phoneInfo();
24        P.phoneInfo("Nokia");
25        P.phoneInfo(8.3);
26        P.phoneInfo(2020);
27    }
28
29 }
30
```

Console Output:

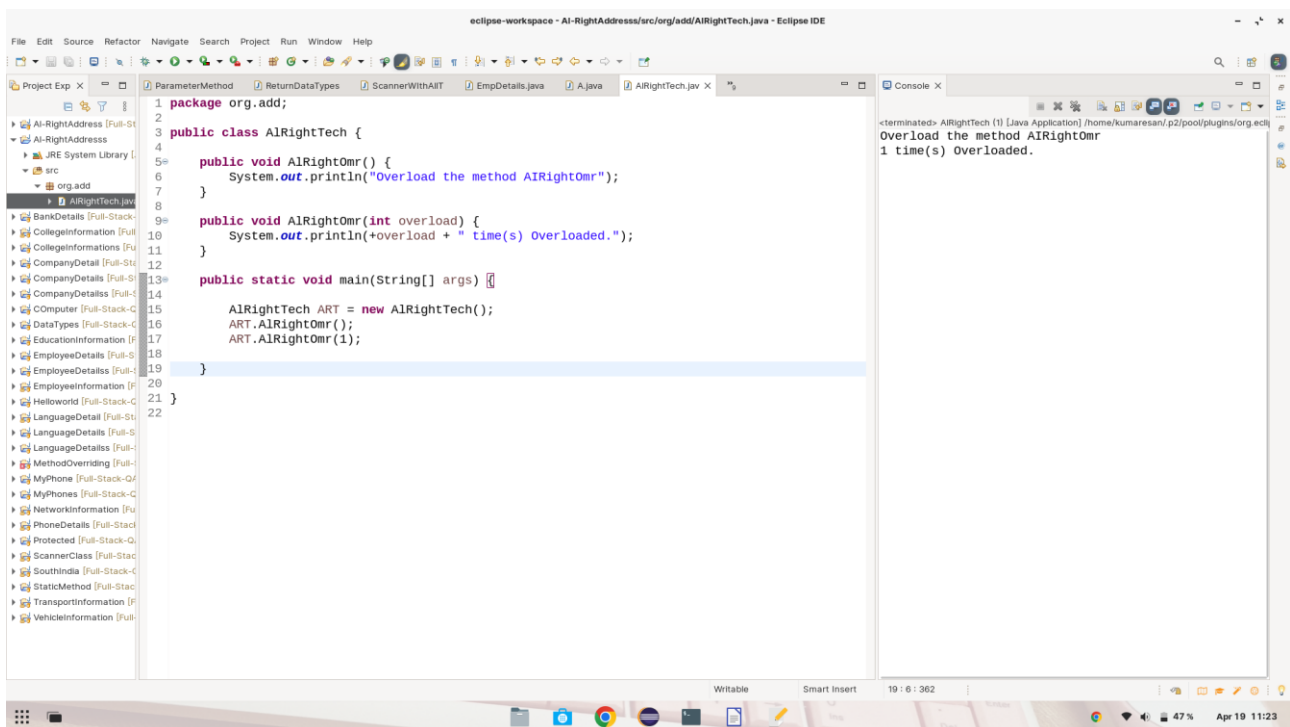
```
-terminated: Phone [Java Application] /home/kumaresan/p2/pool/plugins/org.eclipse.justi
Display Phone Details :-
Brand Name : Nokia
Brand Version : 8.3
The Phone Launched in : 2020
```

QUESTION 5:

Project :Al-RightAddress
Package :org.add
Class :Al-RightTech
Methods :Al-RightOmr()

Description

You have to overload the method Al-RightOmr()



The screenshot shows the Eclipse IDE interface. The left sidebar displays a project explorer with a tree view of the project structure, including packages like 'org.add' and classes like 'AlRightTech.java'. The main editor window shows the source code of the 'AlRightTech' class. The code defines a package 'org.add', a class 'AlRightTech', and two overloaded methods: 'AlRightOmr()' and 'AlRightOmr(int overload)'. The 'main' method creates an instance of 'AlRightTech' and calls 'AlRightOmr(1)'. The console on the right shows the output of the program, which is 'Overload the method AlRightOmr 1 time(s) overloaded.'.

```
1 package org.add;
2
3 public class AlRightTech {
4
5     public void AlRightOmr() {
6         System.out.println("Overload the method AlRightOmr");
7     }
8
9     public void AlRightOmr(int overload) {
10        System.out.println(+overload + " time(s) Overloaded.");
11    }
12
13    public static void main(String[] args) {
14
15        AlRightTech ART = new AlRightTech();
16        ART.AlRightOmr();
17        ART.AlRightOmr(1);
18    }
19 }
20
21
22 }
```

Console Output:

```
<terminated> AlRightTech (1) [Java Application] /home/kumaresan/p2/pool/plugins/org.eclipse.jdt.launcher/...
Overload the method AlRightOmr
1 time(s) overloaded.
```

QUESTION 6:

Project :BankDetails

Package :org.bank

Class :BankInfo

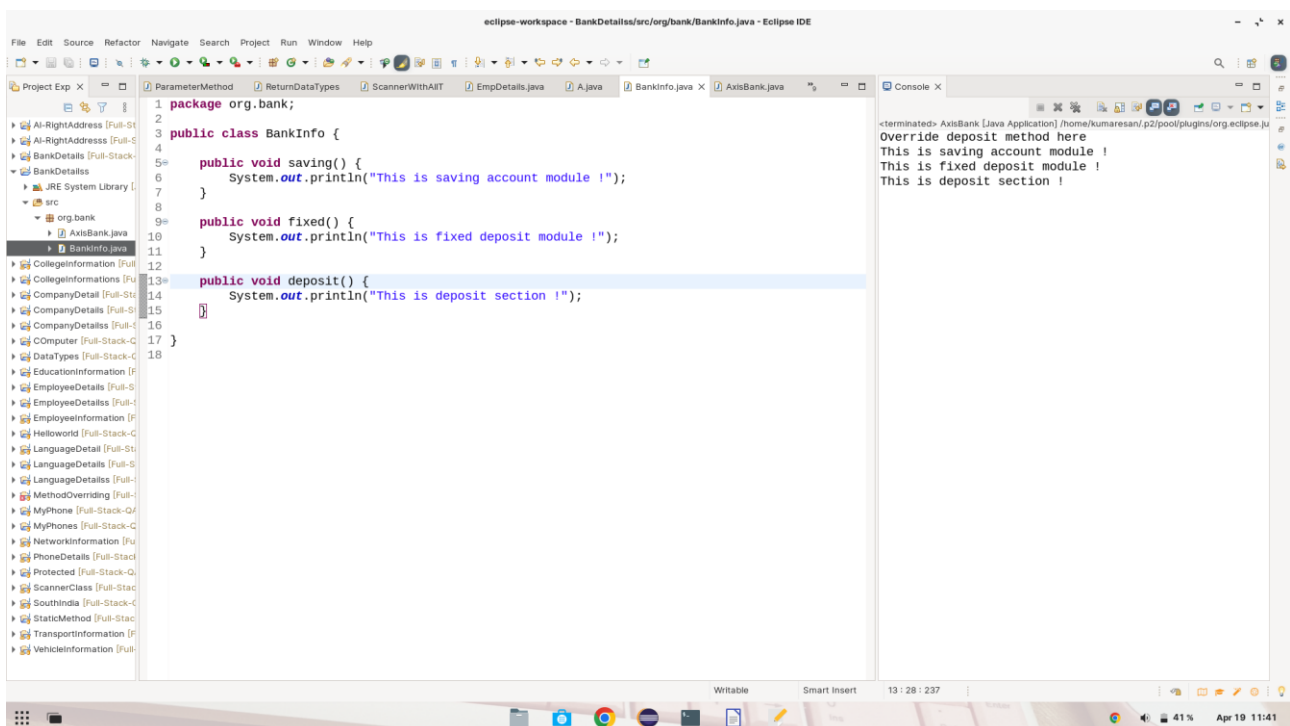
Methods :saving(),fixed(),deposit()

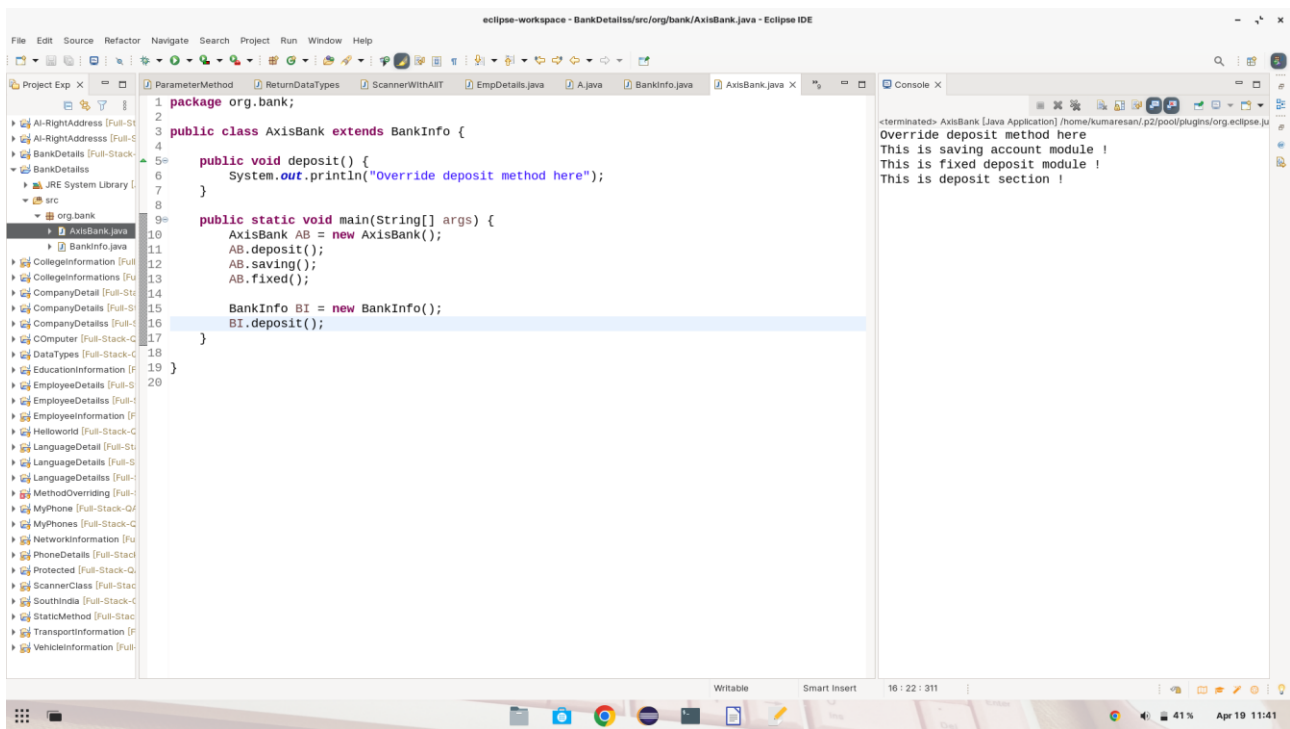
Class :AxisBank

Methods :deposit()

Description:

You have to override the method deposit in AxisBank.





QUESTION 7:

Project :EducationInformation

Package :org.edu

Class :Education

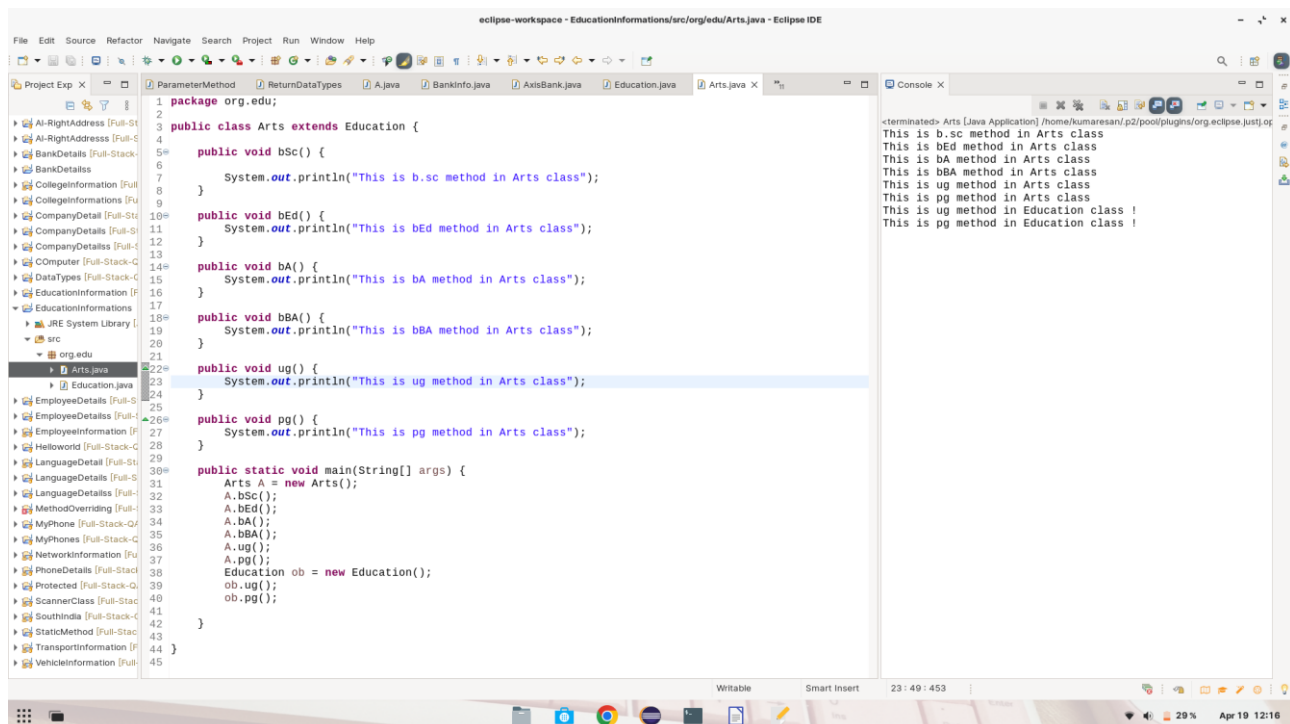
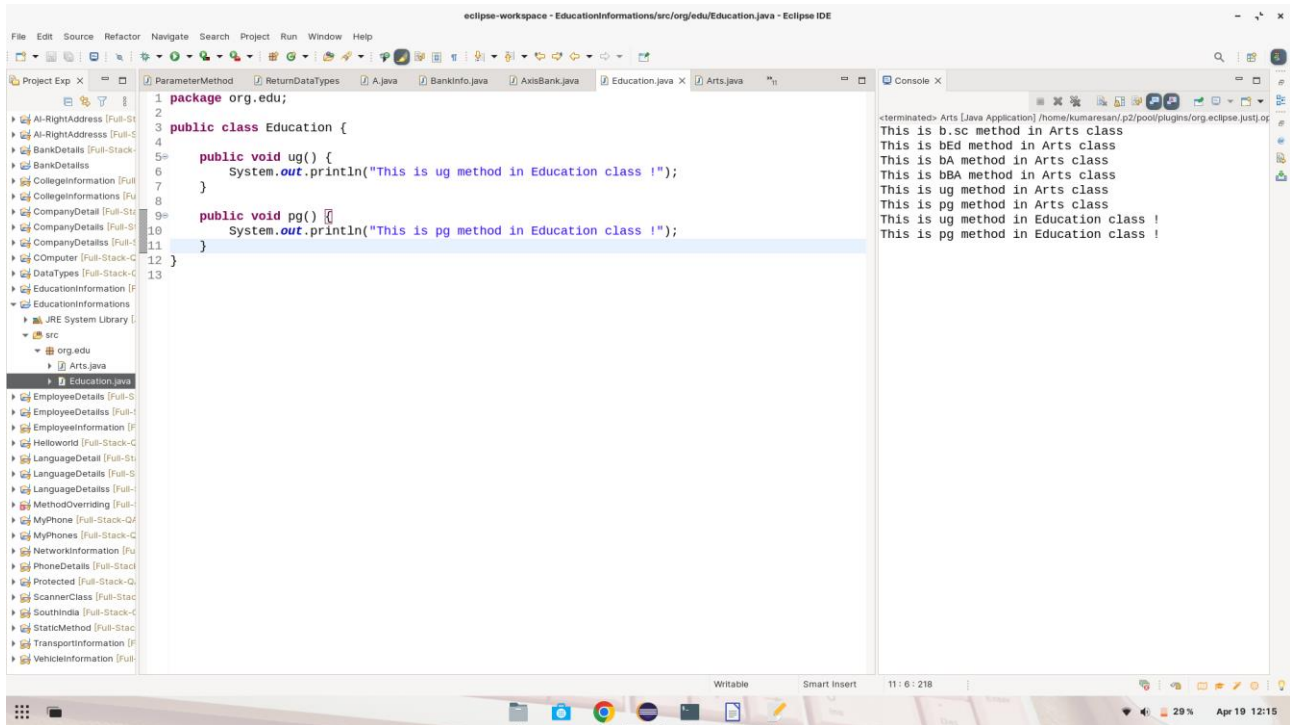
Methods :ug(),pg()

Class :Arts

Methods :bSc(),bEd(),bA(),bBA(),ug(),pg()

Description:

You have to override the method ug(),pg() in Arts.



QUESTION 8:

Project :UniversityInformation

Package :org.univ

Class :University

Methods :ug(),pg()

Class :College

Methods :ug(),pg()

Description:

ug(),pg() is just a templete in University class and You have to override the method ug(),pg() in College class.

