1. Create a Java application, **Information**.
2. Create apackage, **university**,in the application, **Information**.
3. Create a class, **Person**, inside the package, **university**.
4. Replace the code in **Person.java** with the following code:

package university;

import java.util.Scanner;

public class Person

{

String firstName;

String lastName;

int age;

public void getDetail()

{

Scanner input = new Scanner(System.in);

System.out.println("Enter the Basic Details");

System.out.println("Enter the First Name");

firstName = input.nextLine();

System.out.println("Enter the Last Name");

lastName = input.nextLine();

System.out.println("Enter the Age");

age = input.nextInt();

}

}

1. Create a class, **Employee**, inside the package, **university**.
2. Replace the code in **Employee.java** with the following code:

package university;

import java.util.Scanner;

class Employee extends Person

{

double Salary;

String desg;

String dept;

public void getDetail()

{

super.getDetail();

Scanner input = new Scanner(System.in);

System.out.println("Enter the Professional Details");

System.out.println("Enter the Department");

dept = input.nextLine();

System.out.println("Enter the Designation");

desg = input.nextLine();

System.out.println("Enter the Salary");

Salary = input.nextInt();

showDetail();

}

public void showDetail()

{

System.out.println("The details entered are: \n");

System.out.println("First Name: " + super.firstName);

System.out.println("Last Name: " + super.lastName);

System.out.println("Age: " + super.age);

System.out.println("Department: " + dept);

System.out.println("Designation: " + desg);

System.out.println("Salary: " + Salary);

}

}

1. Create a class, **Student**, inside the package, **university**.
2. Replace the code in **Student.java** with the following code:

package university;

import java.util.Scanner;

class Student extends Person

{

String University;

String stream;

int StudentID;

public void getDetail()

{

super.getDetail();

Scanner input = new Scanner(System.in);

System.out.println("Enter the Academic Details");

System.out.println("Enter the Course enrolled");

stream = input.nextLine();

System.out.println("Enter the Student ID");

StudentID = input.nextInt();

showDetail();

}

public void showDetail()

{

System.out.println("The details entered are: \n");

System.out.println("First Name: " + super.firstName);

System.out.println("Last Name: " + super.lastName);

System.out.println("Age: " + super.age);

System.out.println("Course Enrolled: " + stream);

System.out.println("Student ID: " + StudentID);

}

}

1. Create a class, **MainMenu**, inside the package, **university**.
2. Replace the code in **MainMenu.java** with the following code:

package university;

import java.util.Scanner;

public class MainMenu

{

public static void main(String[] args) {

Scanner choice = new Scanner(System.in);

System.out.println("Menu");

System.out.println("1. Student Details");

System.out.println("2. Employee Details");

System.out.println("Enter the choice: ");

int a = choice.nextInt();

switch (a)

{

case 1:

Student st = new Student();

st.getDetail();

break;

case 2:

Employee emp1 = new Employee();

emp1.getDetail();

break;

}

}

}

1. Compile and execute the **Information** Java application.

After executing the application, the following output is displayed:

Menu

1. Student Details

2. Employee Details

Enter the choice:

Description: Base



# *Note*

|  |
| --- |
| After specifying the choice as 1 or 2, you can enter the desired details for a student or an employee, respectively. *Note* |

|  |
| --- |
| BaseRefer to the toolbook to create and execute the Java application in NetBeans. |