**Lab Sheet 2: Create a java program using constructor with keyword ‘super’.**

class Person {

private String name;

private int age;

public Person(String name, int age) {

this.name = name;

this.age = age;

}

public void displayInfo() {

System.out.println("Name: " + name);

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

}

}

class Employee extends Person {

private String employeeId;

public Employee(String name, int age, String employeeId) {

super(name, age);

this.employeeId = employeeId;

}

public void displayEmployeeInfo() {

super.displayInfo();

System.out.println("Employee ID: " + employeeId);

}

}

class Student extends Person {

private String studentId;

public Student(String name, int age, String studentId) {

super(name, age);

this.studentId = studentId;

}

public void displayStudentInfo() {

super.displayInfo();

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

}

}

public class MultiLevelInheritanceExample {

public static void main(String[] args) {

Employee employee = new Employee("John", 30, "EMP12345");

Student student = new Student("Alice", 20, "STU67890");

System.out.println("Employee Information:");

employee.displayEmployeeInfo();

System.out.println("\nStudent Information:");

student.displayStudentInfo();

}

}