

File Edit Source Refactor Navigate Search Project Run Window Help

Package Explorer

CDAC NOIDA PGDAI ASSIGNMENT - 1

CDAC NOIDA PGDAI ASSIGNMENT - 2

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CDAC NOIDA PGDAI ASSIGNMENT - 4

CDAC NOIDA PGDAI ASSIGNMENT - 5

src

(default package)

Animal.java

Employee.java

Main.java

Person.java

JRE System Library [jre]

~\$CDAC NOIDA_ PGDAI_ MODULE 7 _ JAVA PROGRAMMING

CDAC NOIDA_ PGDAI_ MODULE 7 _ JAVA PROGRAMMING

Assignment_4_qs_10.java

Animal.java

Person.java

Employee.java

Main.java

```
1 // Name : ADVAIT GURUNATH CHAVAN
2 // Email ID : advaitchavan135@gmail.com
3 // CDAC NOIDA JAVA PROGRAMMING Assignment 5 - Question - 2
4
5 public class Main {
6     public static void main(String[] args) {
7         // Create a Person object
8         Person person = new Person("Advait", "Chavan");
9         System.out.println("Person's First Name: " + person.getFirstName());
10        System.out.println("Person's Last Name: " + person.getLastName());
11
12        // Create an Employee object which is a subclass of Person
13        Employee employee = new Employee("ADVAIT", "CHAVAN", "03052001", "Software Engineer");
14        System.out.println("Employee's First Name: " + employee.getFirstName());
15        // The last name now includes the job title due to the override
16        System.out.println("Employee's Last Name: " + employee.getLastName());
17        System.out.println("Employee ID: " + employee.getEmployeeId());
18    }
19 }
```

Task List

Find

All Activate...

Outline

Main

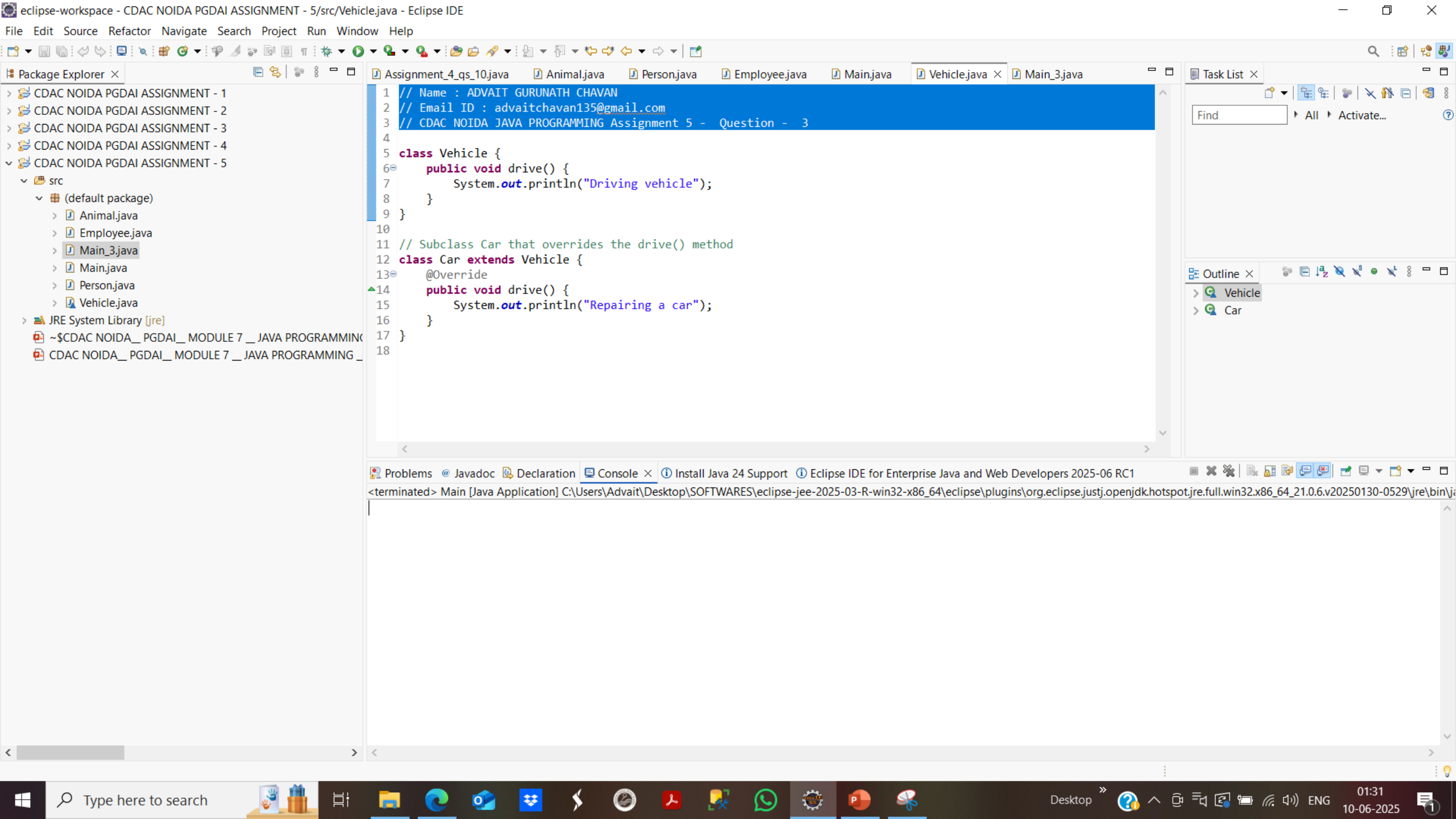
main(String[]) : void

Problems Javadoc Declaration Console Install Java 24 Support Eclipse IDE for Enterprise Java and Web Developers 2025-06 RC1

<terminated> Main [Java Application] C:\Users\Advait\Desktop\SOFTWARES\eclipse-jee-2025-03-R-win32-x86_64\eclipse\plugins\org.eclipse.justi.openjdk.hotspot.jre.full.win32.x86_64_21.0.6.v20250130-0529\jre\bin\j
Person's First Name: Advait
Person's Last Name: Chavan
Employee's First Name: ADVAIT
Employee's Last Name: CHAVAN (Software Engineer)
Employee ID: 03052001

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Package Explorer ×

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 - src
 - (default package)
 - > Animal.java
 - > Employee.java
 - > Main_3.java
 - > Main.java
 - > Person.java
 - > Vehicle.java
 - > JRE System Library [jre]
 - ~\$CDAC NOIDA_ PGDAI_ MODULE 7 __ JAVA PROGRAMMING
 - CDAC NOIDA_ PGDAI_ MODULE 7 __ JAVA PROGRAMMING

Assignment_4_qs_10.java Animal.java Person.java Employee.java Main.java Vehicle.java Main_3.java ×

```
1 // Name : ADVAIT GURUNATH CHAVAN
2 // Email ID : advaitchavan135@gmail.com
3 // CDAC NOIDA JAVA PROGRAMMING Assignment 5 - Question - 3
4
5
6 // Main class to run the program
7 public class Main_3 {
8     public static void main(String[] args) {
9         Vehicle vehicle = new Vehicle(); // Using the base class
10        vehicle.drive();                  // Output: Driving vehicle
11
12        Car car = new Car();              // Using the subclass that overrides drive()
13        car.drive();                      // Output: Repairing a car
14    }
15 }
```

Task List ×

Find All Activate...

Outline ×

- Main_3
 - main(String[]) : void

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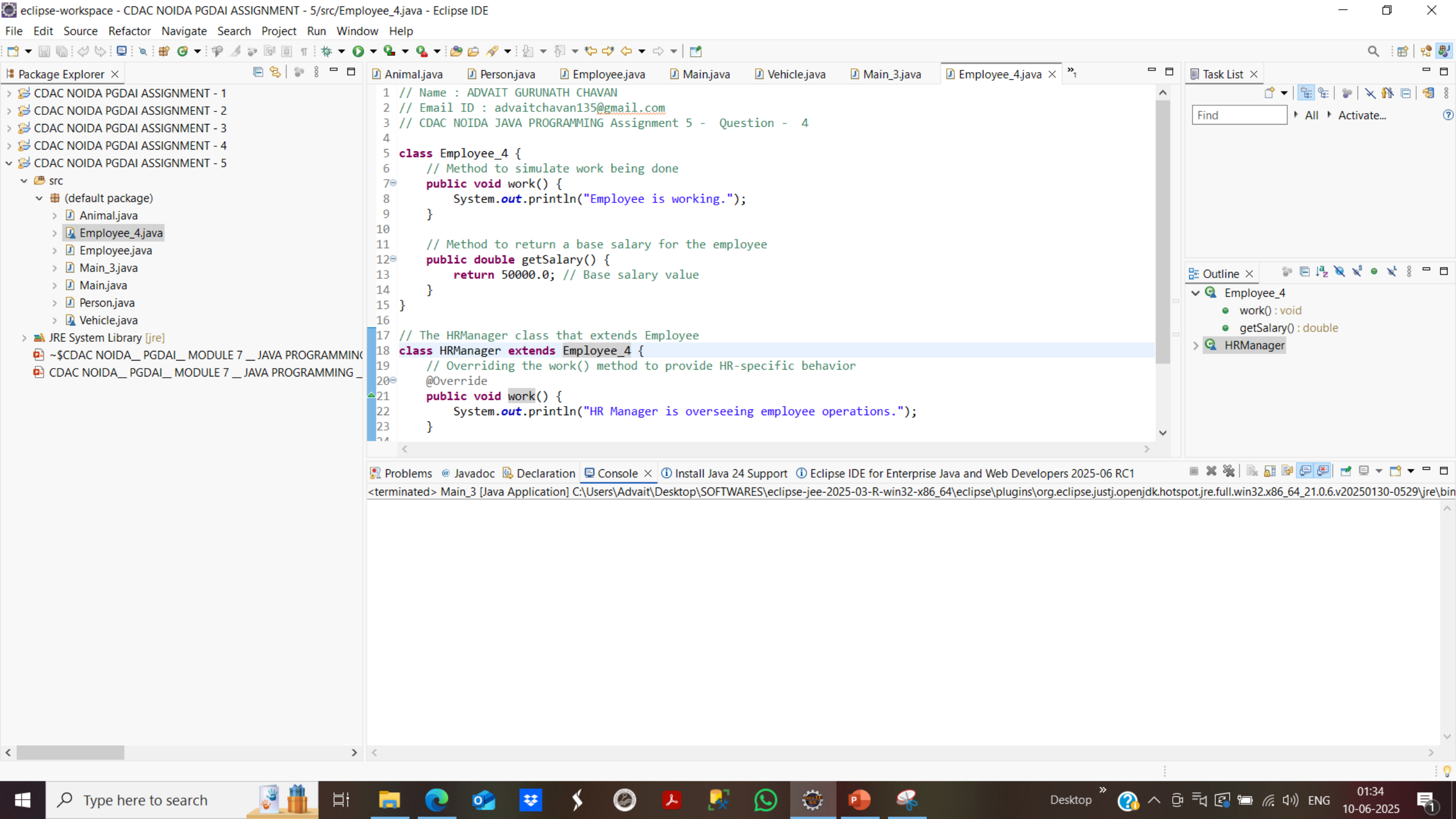
<terminated> Main_3 [Java Application] C:\Users\Advait\Desktop\SOFTWARES\eclipse-jee-2025-03-R-win32-x86_64\eclipse\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_21.0.6.v20250130-0529\jre\bin\java.exe
Driving vehicle
Repairing a car

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Package Explorer ×

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▼ CDAC NOIDA PGDAI ASSIGNMENT - 5
 ▼ src
 (default package)
 > Animal.java
 > Employee_4.java
 > Employee.java
 > Main_3.java
 > Main_4.java
 > Main.java
 > Person.java
 > Vehicle.java
 > JRE System Library [jre]
 ~\$CDAC NOIDA__ PGDAI__ MODULE 7 __ JAVA PROGRAMMING
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Person.java Employee.java Main.java Vehicle.java Main_3.java Employee_4.java Main_4.java × »

```
1 // Name : ADVAIT GURUNATH CHAVAN
2 // Email ID : advaitchavan135@gmail.com
3 // CDAC NOIDA JAVA PROGRAMMING Assignment 5 - Question - 4
4
5 public class Main_4{
6     public static void main(String[] args) {
7         // Using the base Employee functionalities
8         Employee_4 emp = new Employee_4();
9         emp.work();
10        System.out.println("Employee Salary: " + emp.getSalary());
11
12        // Using the HRManager functionalities
13        HRManager hrManager = new HRManager();
14        hrManager.work();
15        hrManager.addEmployee("Advait Chavan");
16        System.out.println("ML Ops Manager Salary: " + hrManager.getSalary());
17    }
18 }
```

Task List ×

Find

All Activate...

Outline ×

▼ Main_4

main(String[]) : void

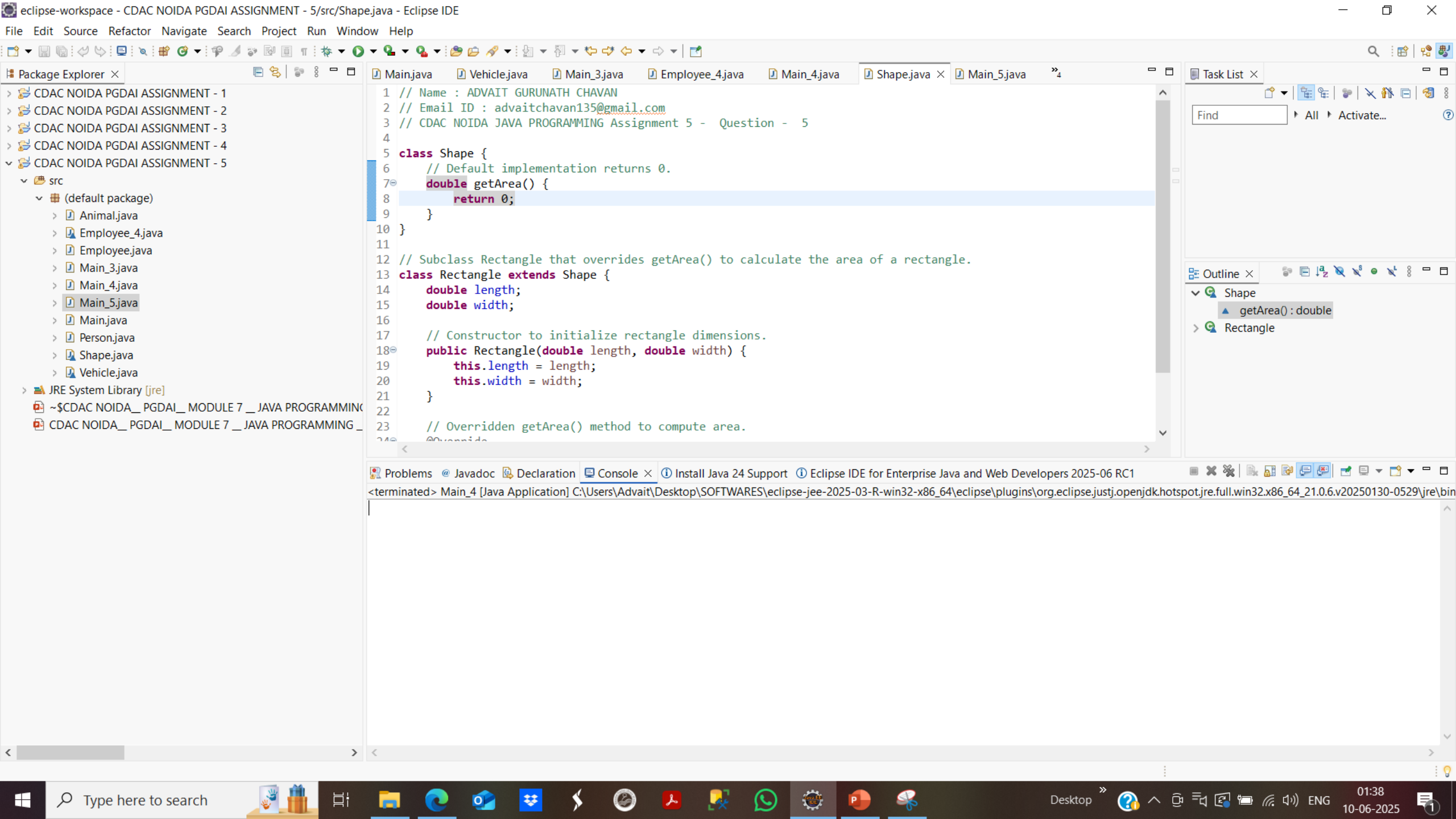
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```
<terminated> Main_4 [Java Application] C:\Users\Advait\Desktop\SOFTWARES\eclipse-jee-2025-03-R-win32-x86_64\eclipse\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_21.0.6.v20250130-0529\jre\bin
Employee is working.
Employee Salary: 50000.0
HR Manager is overseeing employee operations.
Added employee: Advait Chavan
ML Ops Manager Salary: 50000.0
```

Writable

Smart Insert

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Package Explorer ×

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 - src
 - (default package)
 - Animal_2.java
 - Animal.java
 - Employee_4.java
 - Employee.java
 - Main_3.java
 - Main_4.java
 - Main_5.java
 - Main.java
 - Person.java
 - Shape.java
 - Vehicle.java
- > JRE System Library [jre]
- ~\$CDAC NOIDA_ PGDAI_ MODULE 7 _ JAVA PROGRAMMING
- CDAC NOIDA_ PGDAI_ MODULE 7 _ JAVA PROGRAMMING

Vehicle.java Main_3.java Employee_4.java Main_4.java Shape.java Main_5.java Animal_2.java ×

```
1 // Name : ADVAIT GURUNATH CHAVAN
2 // Email ID : advaitchavan135@gmail.com
3 // CDAC NOIDA JAVA PROGRAMMING Assignment 5 - Question - 6
4
5 class Animal_2{
6     // The move() method for a generic animal.
7     void move() {
8         System.out.println("The animal moves.");
9     }
10 }
11
12 // Subclass called Cheetah that overrides the move() method
13 class Cheetah extends Animal_2{
14     @Override
15     void move() {
16         System.out.println("The cheetah runs swiftly!");
17     }
18 }
19
```

Task List ×

Find All Activate...

Outline ×

- > Animal_2
- > Cheetah

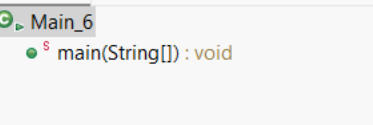
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<terminated> Main_5 [Java Application] C:\Users\Advait\Desktop\SOFTWARES\eclipse-jee-2025-03-R-win32-x86_64\eclipse\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_21.0.6.v20250130-0529\jre\bin



Main_3.java Employee_4.java Main_4.java Shape.java Main_5.java Animal_2.java Main_6.java × »

Task List



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