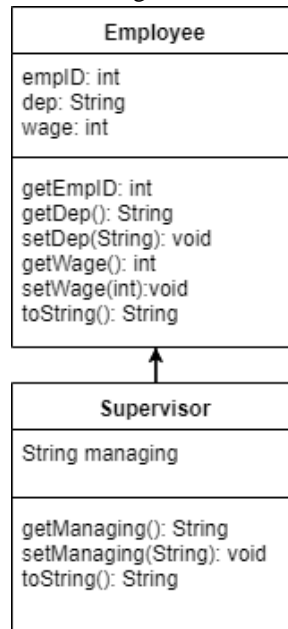


Lab 10

Create a new Eclipse project named **YourStudentId_Lab10** and add two classes named **Tester10** to the project.

Following figure shows the inheritance, attributes and methods for each class. For setter and getter please refer to Figure 1.

Figure 1



Employee	
Modifier and type	Method (or Variable) and description
Instance variable	
int	emplID The employee's ID.
String	dep The department this employee belongs to.
int	wage The monthly wage.
Constructor	
Employee(int id, String dep, int wage) Constructs an employee object with given values.	
Instance methods	
String	toString() Returns a String description for this employee. (See output below)

Supervisor	
Modifier and type	Method (or Variable) and description
Instance variable	
String	managing The department this supervisor is in charge of.
Constructor	
Supervisor(int id, String dep, int wage, String managing) Constructs a supervisor object with given values.	
Instance methods	
String	toString() Returns a String description for this employee. (See tester output below)

Instruction:

1. Implement Employee class first.
2. Test the employee object.
3. Implement Supervisor class.
4. Test the supervisor object.

Tester for your reference:

```
public class tester10 {  
  
    public static void main(String[] args) {  
        Employee employee1=new Employee(101,"Marketing",30000);  
        System.out.println(employee1.toString());  
        System.out.println("-----");  
        Supervisor supervisor1=new Supervisor(111,"Marketing",50000,"Marketing");  
        System.out.println(supervisor1.toString());  
    }  
}
```

Output:

```
ID: 101  
Department: Marketing  
Wage: 30000  
-----  
ID: 111  
Department: Marketing  
Wage: 50000  
In charge of Marketing
```

Submission: Submit your project as “zip (or rar) file” via WM5. No other submissions will be graded.

Reminder: Please zip **the whole project**

Deadline: Tomorrow’s midnight (for both Mon56 and Tue23)