

```

/**
 * This program is the main and creates 4 employees:
 * - 2 normal employees
 * - 1 manager
 * - 1 executive
 * And it prints out all of them to the screen.
 *
 * @author Liam Abalos
 * @author Mark Fastner
 * CECS 277 Lab (Lab #2)
 */

public class employeeMain {
    public static void main(String[] args) {
        employee Liam = new employee("Liam", 60000);
        System.out.println(Liam.toString());
        employee Joseph = new employee("Joseph", 50000);
        System.out.println(Joseph.toString());
        manager Mark = new manager("Mark", 90000, "Operations &
Fiance");
        System.out.println(Mark.toString());
        executive Tom = new executive("Tom", 120000, "CEO");
        System.out.println(Tom.toString());
    }
}

/**
 * This program creates the object "Employee" which takes in two
parameters:
 * 1. The name of the employee
 * 2. The salary of the employee
 *
 * @author Liam Abalos
 * @author Mark Fastner
 * CECS 277 Lab (Lab #2)
 */

```

```

public class employee {

    private String name;
    private int salary;

    public employee() {
    }

    public employee(String name, int salary) {
        this.name = name;
        this.salary = salary;
    }

    public String toString() {
        return "Employee name: " + name + "\nSalary: " + salary;
    }
}

```

```

/**
 * This program extends the employee class to specify which
 * department the employee is working in.
 *
 * @author Liam Abalos
 * @author Mark Fastner
 * CECS 277 Lab (Lab #2)
 */

```

```

public class manager extends employee {
    private String department;

    public manager() {
        super();
        department = "";
    }

    public manager(String name, int salary, String department) {
        super(name, salary);
        this.department = department;
    }
}

```

```

    }

    public String toString() {
        return super.toString() + "\nDepartment: " + department;
    }
}

/**
 * This program extends the manager class to specify which employees
 * are executives.
 *
 * @author Liam Abalos
 * @author Mark Fastner
 * CECS 277 Lab (Lab #2)
 */

public class executive extends manager {
    public executive() {
        super();
    }

    public executive(String name, int salary, String department) {
        super(name, salary, department);
    }

    public String toString() {
        return super.toString() + "\nExecutive: Yes";
    }
}

```

```

Employee name: Liam
Salary: 60000
Employee name: Joseph
Salary: 50000
Employee name: Mark
Salary: 90000
Department: Operations & Fiance
Employee name: Tom
Salary: 120000
Department: CEO
Executive: Yes

```