JOJIE T. OJOYLAN
BSIT2.1A

“Person Java Class”

```
package collegelist;



public class Person {
        String name;
        String contactNum;
    public static void main(String []args) {
    }
    public void setName(String name){
        this.name = name;
    }
    public String getName(){
        return name;
    }
     public void setContactNum(String c) {
        this.contactNum = c;
    }
    public String getContactNum(){
        return contactNum;
    }
}
```

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“Employee Java Class”

```
package collegelist;


public class Employee extends Person {
   double salary;
        String department;
        //Setter method para ma set ang value sa salary.
        public void setSalary(double s){
                this.salary = s;
        }

        //Getter method para mag retrun ang value ng salary.
        public double getSalary(){
                return salary;
        }

        //Setter method ulit para ma set ang value sa department.
        public  void setDepartment(String d){
                this.department = d;
        }

        //Getter method ulit para mag retrun ang value ng salary.
        public String getDepartment(){
                return department;
      }
}
```

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“Student Java Class”

```
package collegelist;
public class Student extends Person{
        //Creating a private variables of the program and year level.
        String program;
        int yearLevel;

    public static void main(String [] args) {
    }
    //Setter method para ma set ang value sa program.
    public void setProgram(String p){
        this.program = p;
    }

    //Getter method para mag retrun ang value ng program.
    public String getProgram(){
        return program;
    }
     //Setter method ulit para ma set ang value sa year level.
     public void setYearLevel(int y){
        this.yearLevel = y;
     }

     //Getter method ulit para mag retrun ang value ng year level.
     public int getYearLevel(){
        return yearLevel;
     }
}
```

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“Faculty Java Class”

```
package collegelist;

public class Faculty extends Employee{

        boolean status;

   public static void main (String [] args) {

   }

   public boolean isRegular(boolean b){

        return status;

   }

}
```

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“CollegeList Java Main Class”

```
        package collegelist;
import java.util.Scanner;


public class CollegeList {


   public static void main(String[] args) {


      Scanner scan = new Scanner(System.in);
          Person per  = new Person();
      Employee emp = new Employee();
      Faculty fac = new Faculty();
          Student stu = new Student();



          System.out.println("\nPress E for Employee , F for Faculty, or S for Student: ");
          String pressed = scan.nextLine();
          switch(pressed.toUpperCase()){
                  case "E":
                                System.out.print("Type Employee's Name, Contact Number, Salary, and
Department.");
                                System.out.print("\nPress Enter after every input.\n" );
                                per.name = scan.nextLine();
                per.contactNum = scan.nextLine();
                                emp.salary = Double.parseDouble(scan.nextLine());
                                emp.department = scan.nextLine();
                System.out.println("---------------------------------------");
                System.out.println("Name: " + per.name);
```

```
                System.out.println("Contact Number: " + per.contactNum);
                System.out.println("Salary: " + emp.salary);
                System.out.println("Department: " + emp.department);
                break;
            case "F":
                System.out.print("Type Faculty Member's Name, Contact Number, Salary, Department, \nand Status.");
                System.out.print("\nPress Enter after every input.\n");
                per.name = scan.nextLine();
                per.contactNum = scan.nextLine();
                emp.salary = Double.parseDouble(scan.nextLine());
                emp.department = scan.nextLine();
                System.out.print("Is this faculty member a regular/tenured");
                System.out.print("\nPress Y for YES, Press N for NO: ");
                pressed = scan.nextLine();
                String status = fac.status ? "Not a Regular/Tenured" : "Regular/Tenured\n";
                System.out.println("---------------------------------------");
                System.out.println("Name: " + per.name);
                System.out.println("Contact Number: " + per.contactNum);
                System.out.println("Salary: " + emp.salary);
                System.out.println("Department: " + emp.department);
                System.out.println("Status: " + status);
                break;
            case "S":
                System.out.print("Type Students's Name, Contact Number, Program, and Year Level.");
                System.out.print("\nPress Enter after every input.\n");
                per.name = scan.nextLine();
                per.contactNum = scan.nextLine();
                stu.program = scan.nextLine();
```

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```
            stu.yearLevel=scan.nextInt();
            System.out.println("---------------------------------------");
            System.out.println("Name: " + per.name);
            System.out.println("Contact Number: " + per.contactNum);
            System.out.println("Program: "+ stu.program);
            System.out.println("Year Level: " +stu.yearLevel);
            break;
          default:
            System.out.println("!!!Sorry invalid Error!!");
            break;




   }


   }
}
```

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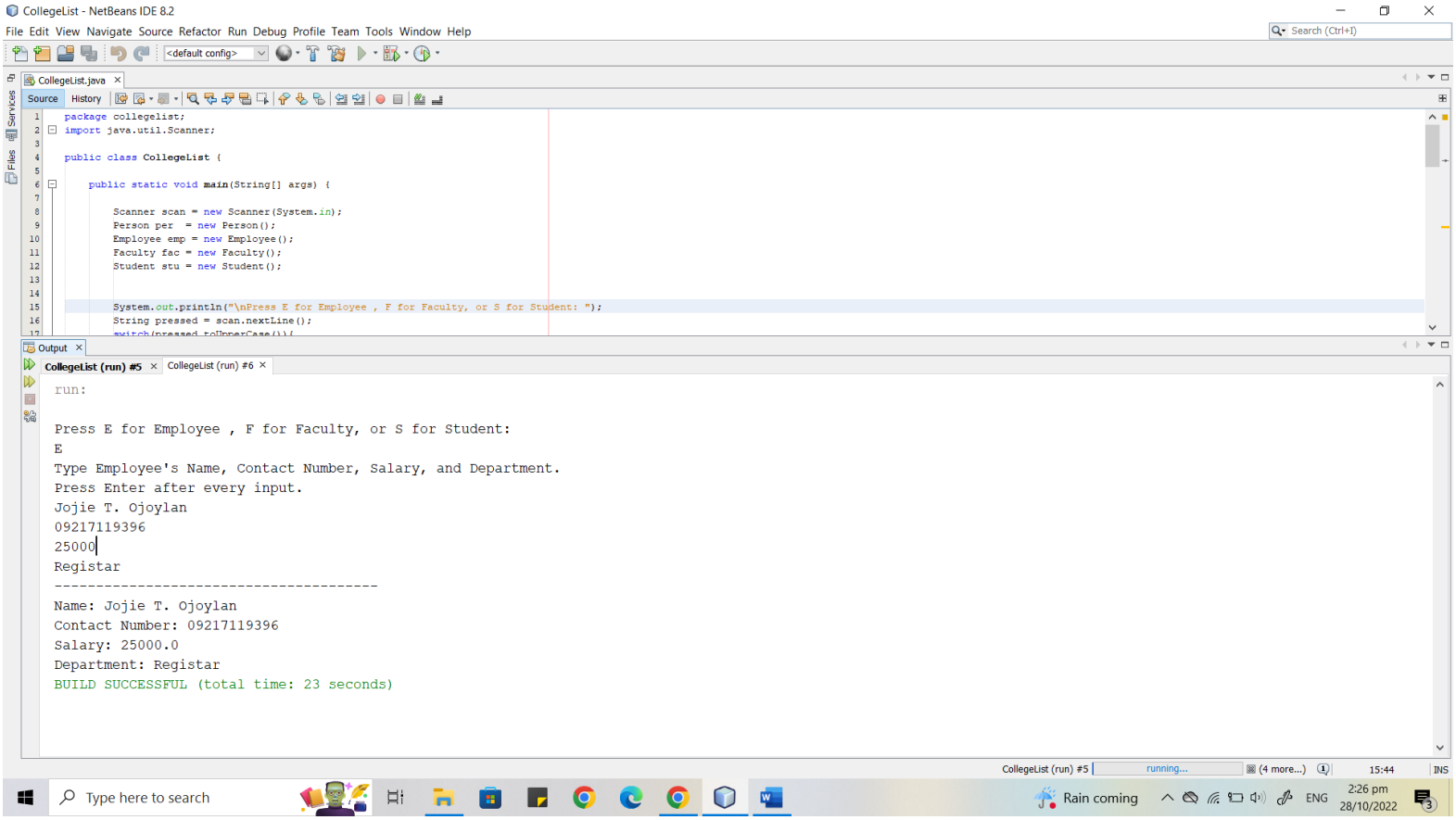
“EMPLOYEE OUTPUT”



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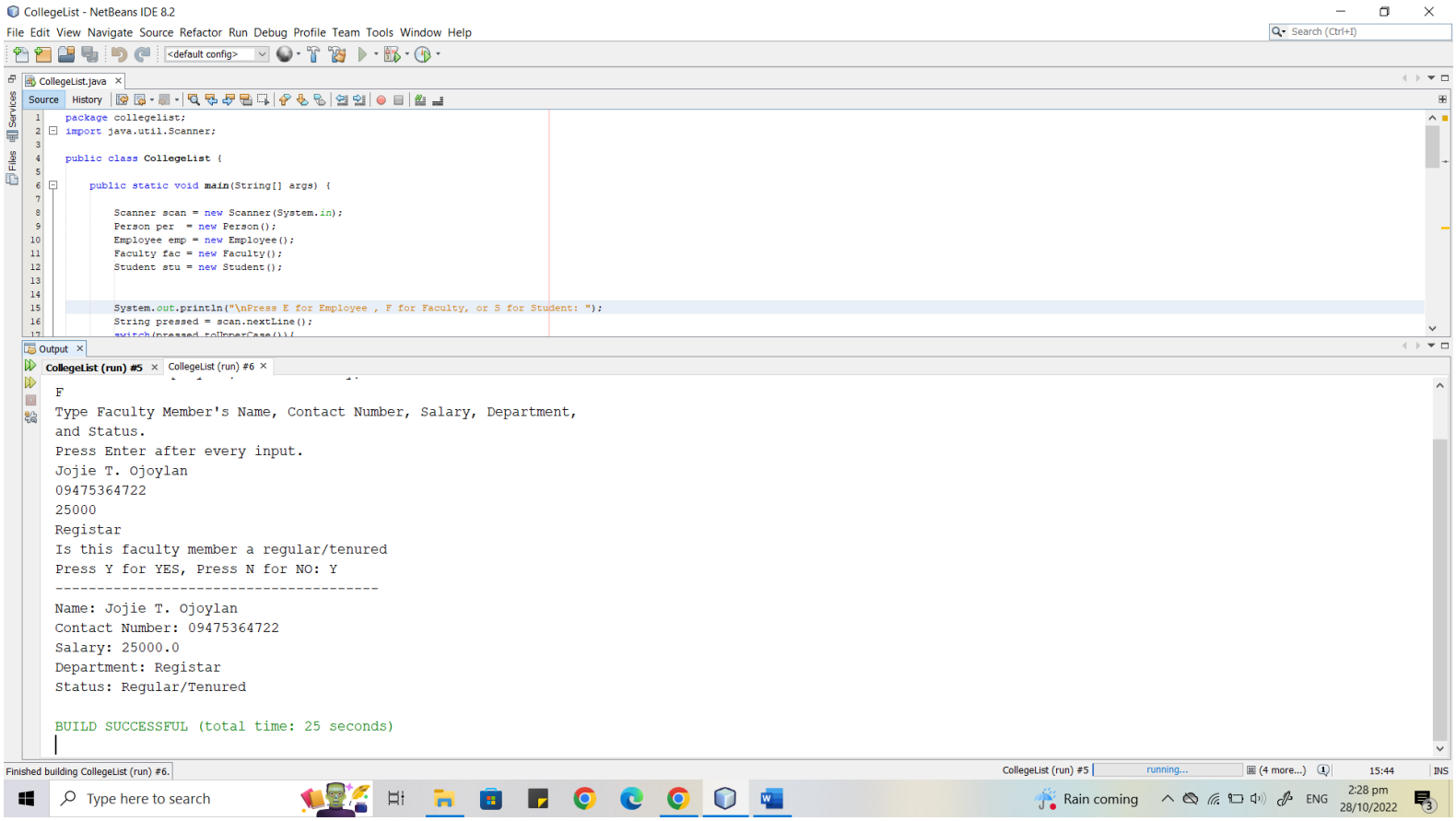
“FACULTY OUTPUT”



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“STUDENT OUTPUT”