

Kelompok 5

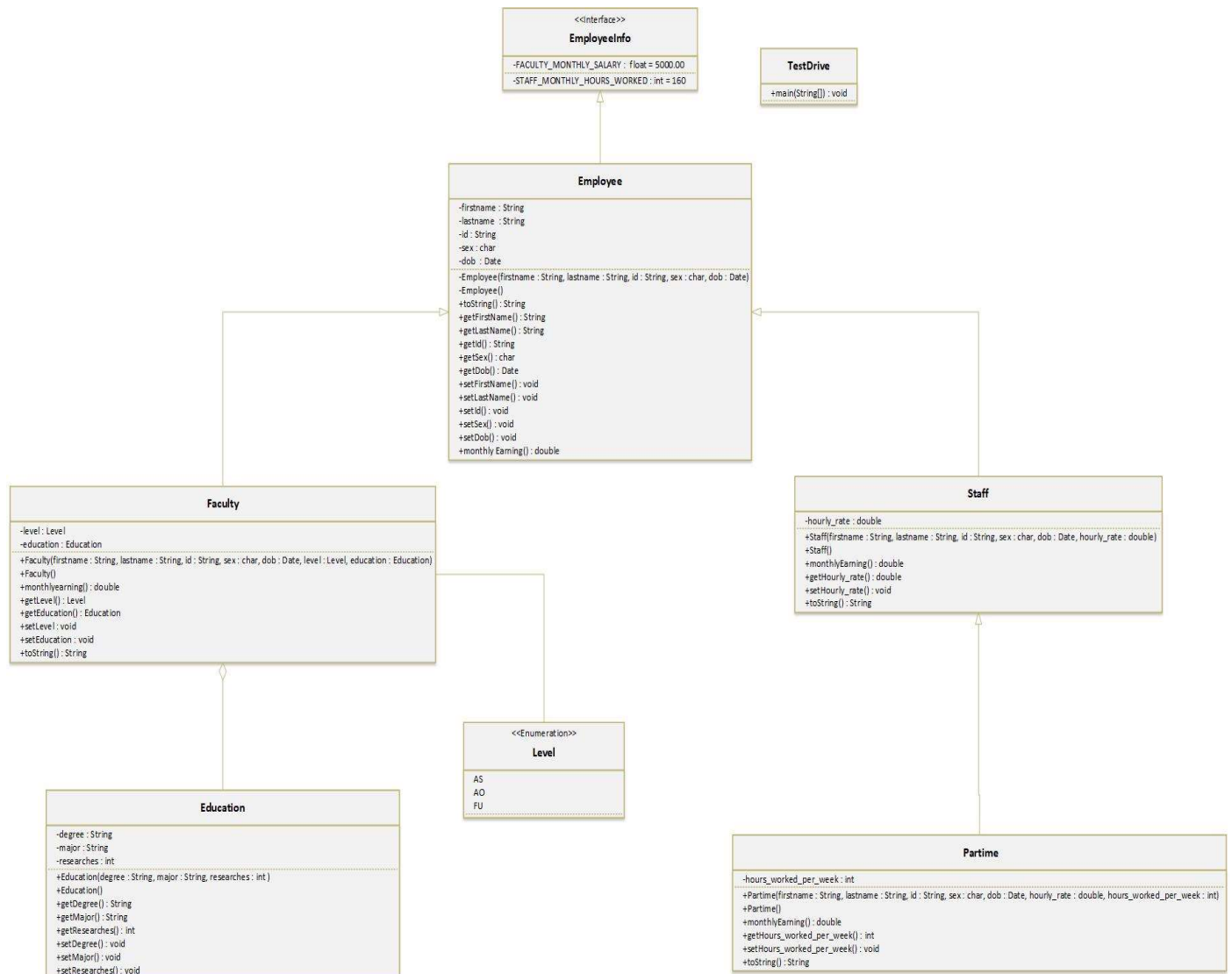
1. Devanda Yudha Bharagus (20051214085)
2. Taqiyuddin Ja'far Syaifullah (20051214049)
3. Rafli Satria Iswandar (20051214111)
4. Muhammad Zacky Suryono (20051214101)
5. Nur Rohmat (20051214081)

Ujian Akhir

Semester

(Praktek)

1. Diagram UML



2. Tampilan hasil program

- a. Employee information using the method putData
- Allemployees(ascending byemployee id

```
Employee Info in ascending order of employee id

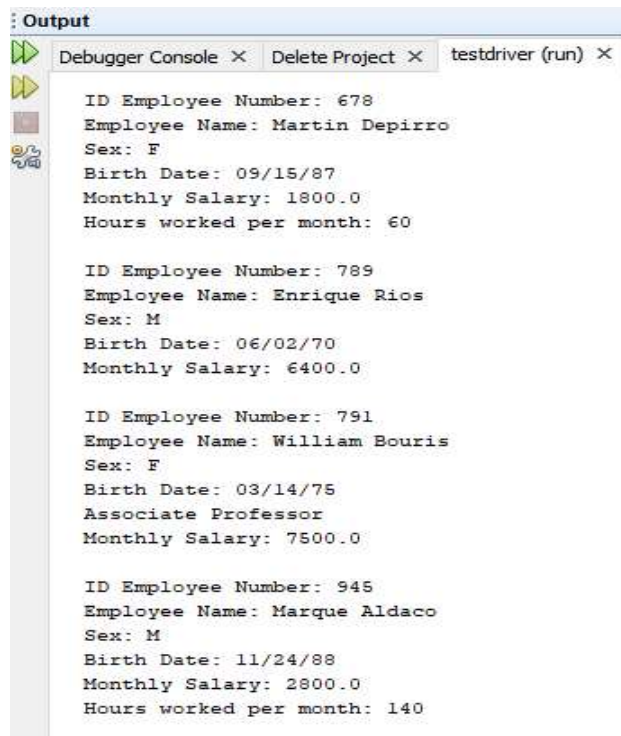
ID Employee Number: 123
Employee Name: Paita Allen
Sex: M
Birth Date: 02/23/59
Monthly Salary: 8000.0

ID Employee Number: 243
Employee Name: Anne Johnson
Sex: F
Birth Date: 04/27/62
Full Professor
Monthly Salary: 10000.0

ID Employee Number: 455
Employee Name: Augusto Guzman
Sex: F
Birth Date: 08/10/77
Monthly Salary: 4200.0
Hours worked per month: 120

ID Employee Number: 456
Employee Name: Steven Zapata
Sex: F
Birth Date: 07/12/64
Monthly Salary: 5600.0

ID Employee Number: 623
Employee Name: Christopher Andrade
Sex: F
Birth Date: 05/22/80
Assistant Professor
Monthly Salary: 5000.0
```

The screenshot shows an IDE's Output window with a tab labeled 'testdriver (run)'. The window displays the same employee data as the previous block, but with a different order: 678, 789, 791, and 945. The data for each employee includes their ID, name, sex, birth date, title, monthly salary, and hours worked per month.

```
Output
Debugger Console X Delete Project X testdriver (run) X

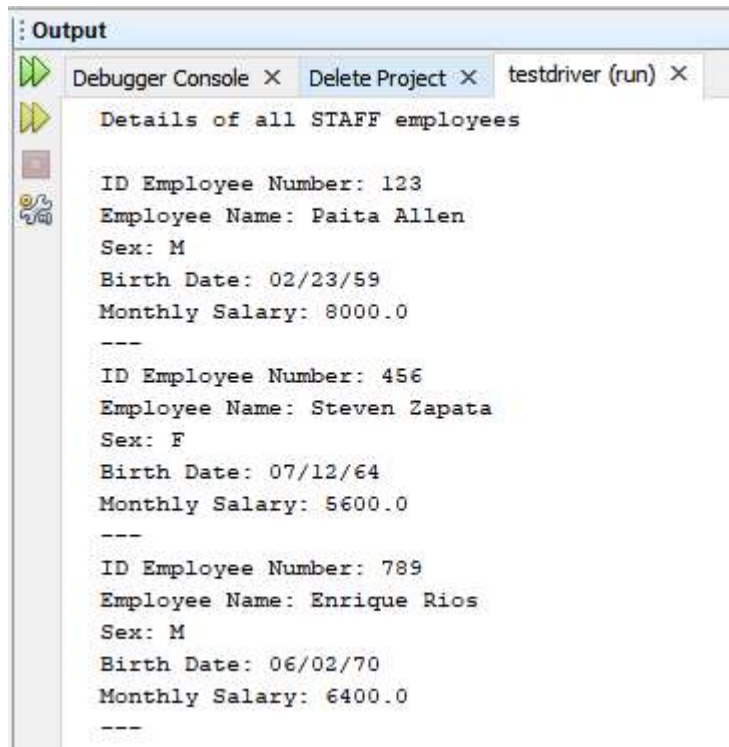
ID Employee Number: 678
Employee Name: Martin Depirro
Sex: F
Birth Date: 09/15/87
Monthly Salary: 1800.0
Hours worked per month: 60

ID Employee Number: 789
Employee Name: Enrique Rios
Sex: M
Birth Date: 06/02/70
Monthly Salary: 6400.0

ID Employee Number: 791
Employee Name: William Bouris
Sex: F
Birth Date: 03/14/75
Associate Professor
Monthly Salary: 7500.0

ID Employee Number: 945
Employee Name: Marque Aldaco
Sex: M
Birth Date: 11/24/88
Monthly Salary: 2800.0
Hours worked per month: 140
```

- Staff

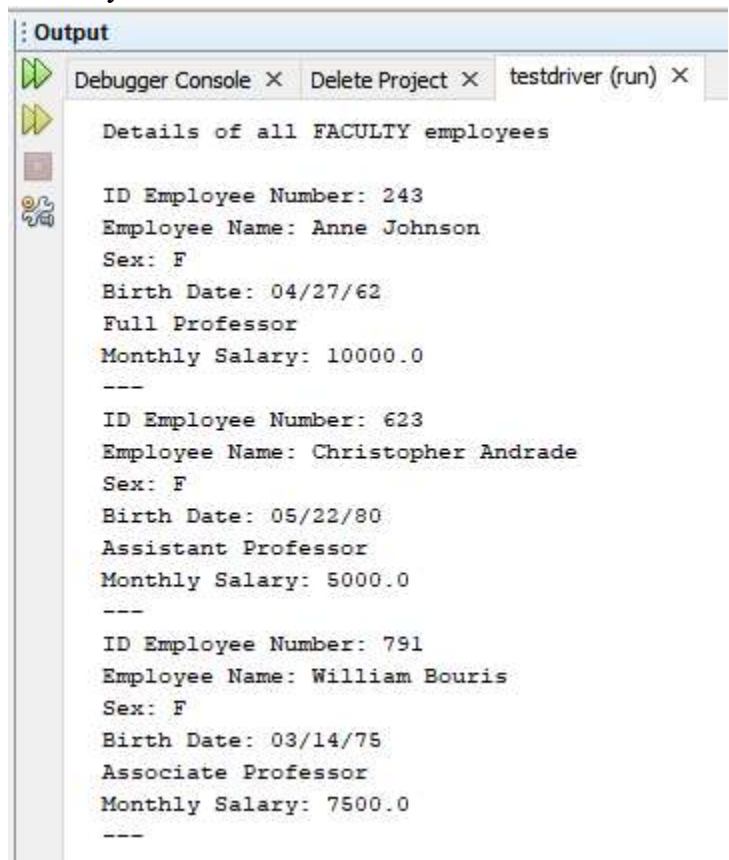


The screenshot shows an IDE's Output window with a tab titled "testdriver (run)". The output text displays the details of all STAFF employees. It lists three employees: Paita Allen (ID 123, Sex M, Birth Date 02/23/59, Monthly Salary 8000.0), Steven Zapata (ID 456, Sex F, Birth Date 07/12/64, Monthly Salary 5600.0), and Enrique Rios (ID 789, Sex M, Birth Date 06/02/70, Monthly Salary 6400.0). Each entry is separated by a line of three dashes.

```
Output
Debugger Console X Delete Project X testdriver (run) X
Details of all STAFF employees

ID Employee Number: 123
Employee Name: Paita Allen
Sex: M
Birth Date: 02/23/59
Monthly Salary: 8000.0
---
ID Employee Number: 456
Employee Name: Steven Zapata
Sex: F
Birth Date: 07/12/64
Monthly Salary: 5600.0
---
ID Employee Number: 789
Employee Name: Enrique Rios
Sex: M
Birth Date: 06/02/70
Monthly Salary: 6400.0
---
```

- Faculty



The screenshot shows an IDE's Output window with a tab titled "testdriver (run)". The output text displays the details of all FACULTY employees. It lists three employees: Anne Johnson (ID 243, Sex F, Birth Date 04/27/62, Full Professor, Monthly Salary 10000.0), Christopher Andrade (ID 623, Sex F, Birth Date 05/22/80, Assistant Professor, Monthly Salary 5000.0), and William Bouris (ID 791, Sex F, Birth Date 03/14/75, Associate Professor, Monthly Salary 7500.0). Each entry is separated by a line of three dashes.

```
Output
Debugger Console X Delete Project X testdriver (run) X
Details of all FACULTY employees

ID Employee Number: 243
Employee Name: Anne Johnson
Sex: F
Birth Date: 04/27/62
Full Professor
Monthly Salary: 10000.0
---
ID Employee Number: 623
Employee Name: Christopher Andrade
Sex: F
Birth Date: 05/22/80
Assistant Professor
Monthly Salary: 5000.0
---
ID Employee Number: 791
Employee Name: William Bouris
Sex: F
Birth Date: 03/14/75
Associate Professor
Monthly Salary: 7500.0
---
```

- Part Time

Details of all PART TIME employees

ID Employee Number: 455
Employee Name: Augusto Guzman
Sex: F
Birth Date: 08/10/77
Monthly Salary: 4200.0
Hours worked per month: 120

ID Employee Number: 678
Employee Name: Martin Depirro
Sex: F
Birth Date: 09/15/87
Monthly Salary: 1800.0
Hours worked per month: 60

ID Employee Number: 945
Employee Name: Marque Aldaco
Sex: M
Birth Date: 11/24/88
Monthly Salary: 2800.0
Hours worked per month: 140

- b. Total monthly salary for all the part-time staff

Total salary of all part time employees: 8800.0

- c. Total monthly salary for all employees

Total salary of all employees: 51300.0