

DBMS HW3: Problem 2

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James@DESKTOP-RQCC2GG MINGW64 ~/Desktop/FALL24/dbms/hw3-JDBC-Azure (main)
● $ javac -cp "mssql-jdbc-12.8.1.jre11.jar" FacultyManagement.java

James@DESKTOP-RQCC2GG MINGW64 ~/Desktop/FALL24/dbms/hw3-JDBC-Azure (main)
● $ java -cp ".;mssql-jdbc-12.8.1.jre11.jar" FacultyManagement
Connected to Azure SQL Database!

MENU
1. Insert Faculty with Department Salary Logic
2. Insert Faculty with Average Salary Excluding Department
3. Get All Faculty
4. Quit
Enter your choice: 3

Faculty List:
FID      FName    DeptID   Salary
101      Johnson  10       55000.0
102      Lynn     10       65000.0
104      Black    11       32000.0
103      Lynn     12       30000.0
```

```
MENU
1. Insert Faculty with Department Salary Logic
2. Insert Faculty with Average Salary Excluding Department
3. Get All Faculty
4. Quit
Enter your choice: 1
Enter faculty ID: 201
Enter faculty name: Blue
Enter department ID: 12
Faculty inserted successfully with department-specific salary logic!

MENU
1. Insert Faculty with Department Salary Logic
2. Insert Faculty with Average Salary Excluding Department
3. Get All Faculty
4. Quit
Enter your choice: 1
Enter faculty ID: 202
Enter faculty name: Green
Enter department ID: 11
Faculty inserted successfully with department-specific salary logic!
```

DBMS HW3: Problem 2

MENU

1. Insert Faculty with Department Salary Logic
2. Insert Faculty with Average Salary Excluding Department
3. Get All Faculty
4. Quit

Enter your choice: 1

Enter faculty ID: 203

Enter faculty name: Red

Enter department ID: 10

Faculty inserted successfully with department-specific salary logic!

MENU

1. Insert Faculty with Department Salary Logic
2. Insert Faculty with Average Salary Excluding Department
3. Get All Faculty
4. Quit

Enter your choice: 3

Faculty List:

FID	FName	DeptID	Salary
101	Johnson	10	55000.0
102	Lynn	10	65000.0
203	Red	10	54000.0
104	Black	11	32000.0
202	Green	11	25600.0
201	Blue	12	24000.0
103	Lynn	12	30000.0

MENU

1. Insert Faculty with Department Salary Logic
2. Insert Faculty with Average Salary Excluding Department
3. Get All Faculty
4. Quit

Enter your choice: 2

Enter faculty ID: 301

Enter faculty name: Monday

Enter department ID: 10

Enter department ID to exclude from average salary: 12

Faculty inserted successfully with average salary excluding specified department!

MENU

1. Insert Faculty with Department Salary Logic
2. Insert Faculty with Average Salary Excluding Department
3. Get All Faculty
4. Quit

Enter your choice: 2

Enter faculty ID: 302

Enter faculty name: Tuesday

Enter department ID: 12

Enter department ID to exclude from average salary: 10

Faculty inserted successfully with average salary excluding specified department!

MENU

1. Insert Faculty with Department Salary Logic
2. Insert Faculty with Average Salary Excluding Department
3. Get All Faculty
4. Quit

Enter your choice: 2

Enter faculty ID: 303

Enter faculty name: Wednesday

Enter department ID: 11

Enter department ID to exclude from average salary: 11

Faculty inserted successfully with average salary excluding specified department!

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MENU

1. Insert Faculty with Department Salary Logic
2. Insert Faculty with Average Salary Excluding Department
3. Get All Faculty
4. Quit

Enter your choice: 3

Faculty List:

FID	FName	DeptID	Salary
101	Johnson	10	55000.0
102	Lynn	10	65000.0
301	Monday	10	46320.0
203	Red	10	54000.0
104	Black	11	32000.0
202	Green	11	25600.0
303	Wednesday	11	43174.2890625
201	Blue	12	24000.0
103	Lynn	12	30000.0
302	Tuesday	12	27900.0

MENU

1. Insert Faculty with Department Salary Logic
2. Insert Faculty with Average Salary Excluding Department
3. Get All Faculty
4. Quit

Enter your choice: 4

Exiting...

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