

INSTRUCTIONS, PLEASE READ.

- 1) In Lab4 you learned how to create a new database, tables, and columns. Today you are creating a new 'employeeData2' database.
- 2) Set your 'employeeData2' database as the 'default' database in dBeaver.
 - a. Right click (Mac: <CTRL>-Click) on your new database in 'Database Navigator' (left) pane.
 - b. Click 'Set as default', you should see something where your database is in **BOLD**.
 - c. Right click (Mac: <CTRL>-Click) on 'employeeData2' to make a pop-up menu: 'SQL Editor'
 - d. Click 'SQL Editor' and then 'New Script'
- 3) Copy and paste the contents of the 'employeeData2_MySQL_create.sql' file and run it to create all tables with columns.
- 4) Create a 'New Script' window for 'employeeData2' database, then copy and paste the contents of the 'employeeData2_INSERT_datum.sql' file and run it to load data into all tables.
- 5) Instructions are in comments in the **GetEmployeesPayroll.java** file.
- 6) The given code in 'main()' pulls all employee records and as each one is current in the 'while (myRS.next()) {' loop, the secondary SQL statement is called in a java method 'getPayByMonth ()'. This method has two parameters passed from the main loop:
 - a. current employee ID (empid)
 - b. SQL connection object so you don't have to create another one.
- 7) Use the **Payroll.java** class containing a method called 'getPayByMonth()' from the starter code.
 - a. The default constructor is empty.
 - b. You must send the 'empID' and a Connection object (like the method in the main program) as parameters and must use these in the new SQL select statement to get payroll records for each employee ID.
 - c. You can delete the method in the main program of 'GetEmployeesPayroll.java' file.
- 8) Turn into the iCollege assignment:
 - a. **GetEmployeesPayroll.java**
 - b. **Payroll.java**
 - c. A screen shot showing output (like mine shown below). **ENSURE** you have your name in the title of the report: **"EMPLOYEE PAYROLL REPORT by <Your Name>"** This is ensuring to me, you at least edited some of the code.
 - d. File types allowed are: **.java, .pdf, .docx, .png, .jpeg, .WebP, .docx**

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EMPLOYEE PAYROLL REPORT by Dr. Johnson
Name= Snoopy Beagle      Title=Chief Info. Officer      Snoopy@example.com
EMP ID  PAY DATE      GROSS  Federal FedMed  FedSS  State  401K
1      2024-09-30      865.38  276.92  12.55   53.65  103.85  3.46   26.83
1      2024-10-31      865.38  276.92  12.55   53.65  103.85  3.46   26.83
Name= Charlie Brown      Title=Chief Exec. Officer      Charlie@example.com
EMP ID  PAY DATE      GROSS  Federal FedMed  FedSS  State  401K
2      2024-09-30      923.08  295.38  13.38   57.23  110.77  3.69   28.62
2      2024-10-31      923.08  295.38  13.38   57.23  110.77  3.69   28.62
Name= Lucy Doctor      Title=Chief Finn. Officer      Lucy@example.com
EMP ID  PAY DATE      GROSS  Federal FedMed  FedSS  State  401K
3      2024-09-30      1057.69 338.46  15.34   65.58  126.92  4.23   32.79
3      2024-10-31      1057.69 338.46  15.34   65.58  126.92  4.23   32.79
Name= Peppermint Patti Title=software engineer      Peppermint@example.com
EMP ID  PAY DATE      GROSS  Federal FedMed  FedSS  State  401K
4      2024-09-30      1884.62 603.08  27.33   116.85 226.15  7.54   58.42
4      2024-10-31      1884.62 603.08  27.33   116.85 226.15  7.54   58.42
Name= Linus Blanket      Title=software architect      Linus@example.com
EMP ID  PAY DATE      GROSS  Federal FedMed  FedSS  State  401K
5      2024-09-30      826.92  264.62  11.99   51.27  99.23   3.31   25.63
5      2024-10-31      826.92  264.62  11.99   51.27  99.23   3.31   25.63
Name= PigPin Dusty      Title=marketing associate      PigPin@example.com
EMP ID  PAY DATE      GROSS  Federal FedMed  FedSS  State  401K
6      2024-09-30      634.62  203.08  9.2     39.35  76.15   2.54   19.67
6      2024-10-31      634.62  203.08  9.2     39.35  76.15   2.54   19.67
Name= Scooby Doo      Title=software manager      Scooby@example.com
EMP ID  PAY DATE      GROSS  Federal FedMed  FedSS  State  401K

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