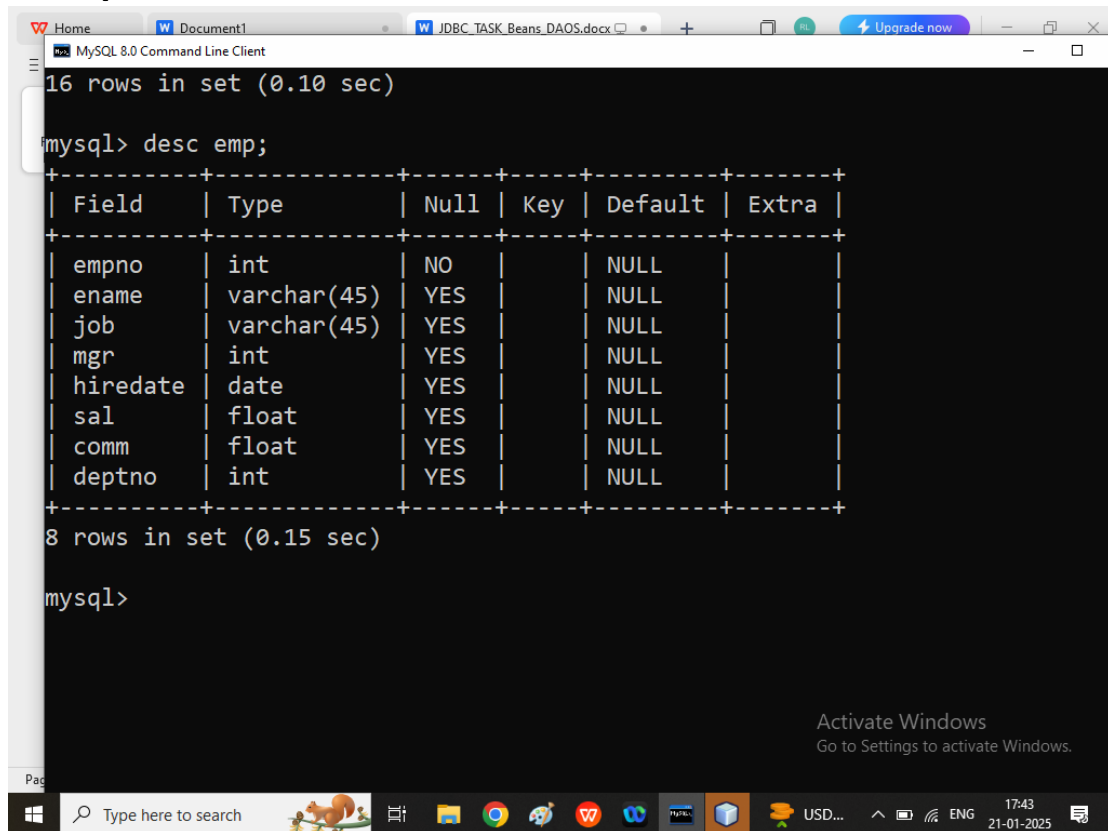


Step1: create database withname **empdb**

Step2: Create Table with Name “EMP”



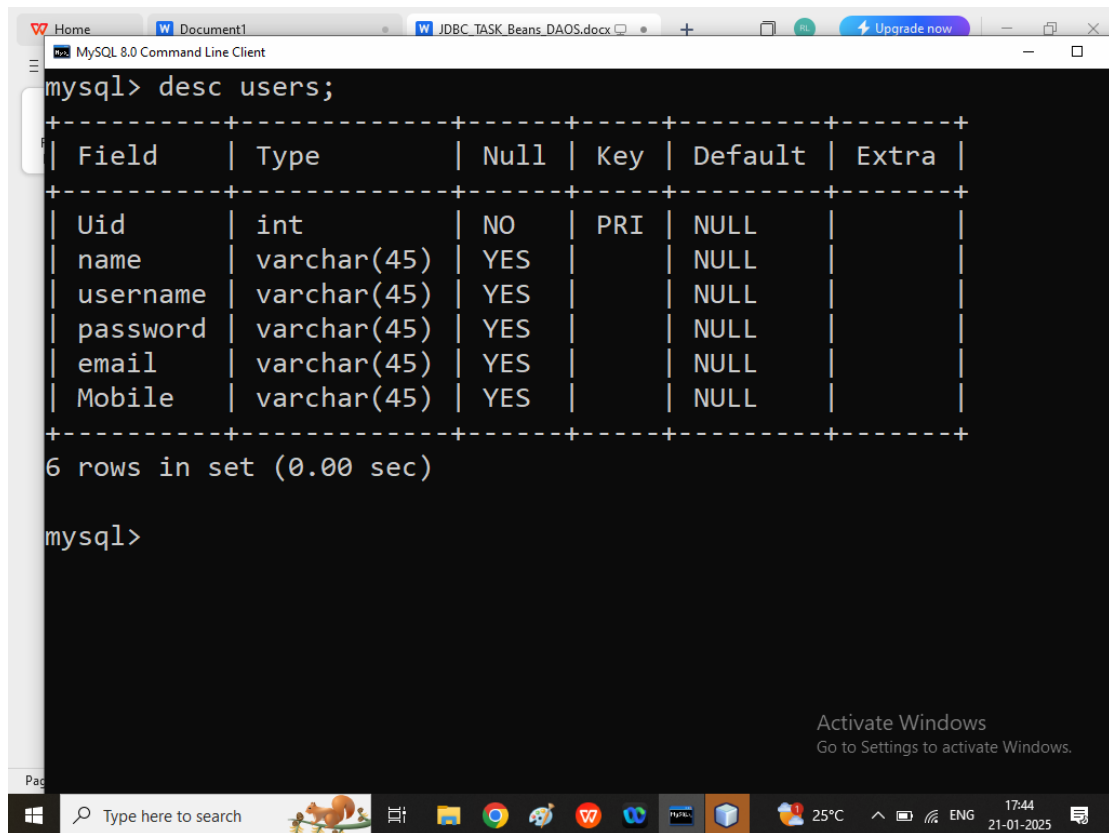
The screenshot shows a Windows desktop with a MySQL 8.0 Command Line Client window open. The window title is "MySQL 8.0 Command Line Client". The command prompt shows the command `mysql> desc emp;` and the output is a table with 8 rows and 7 columns. The columns are: Field, Type, Null, Key, Default, Extra. The rows are: empno (int, NO, , NULL), ename (varchar(45), YES, , NULL), job (varchar(45), YES, , NULL), mgr (int, YES, , NULL), hiredate (date, YES, , NULL), sal (float, YES, , NULL), comm (float, YES, , NULL), and deptno (int, YES, , NULL). The output is preceded by "16 rows in set (0.10 sec)" and followed by "8 rows in set (0.15 sec)". The Windows taskbar is visible at the bottom with the search bar and various application icons. A watermark "Activate Windows" is visible in the bottom right corner of the window.

```
mysql> desc emp;
```

Field	Type	Null	Key	Default	Extra
empno	int	NO		NULL	
ename	varchar(45)	YES		NULL	
job	varchar(45)	YES		NULL	
mgr	int	YES		NULL	
hiredate	date	YES		NULL	
sal	float	YES		NULL	
comm	float	YES		NULL	
deptno	int	YES		NULL	

```
mysql>
```

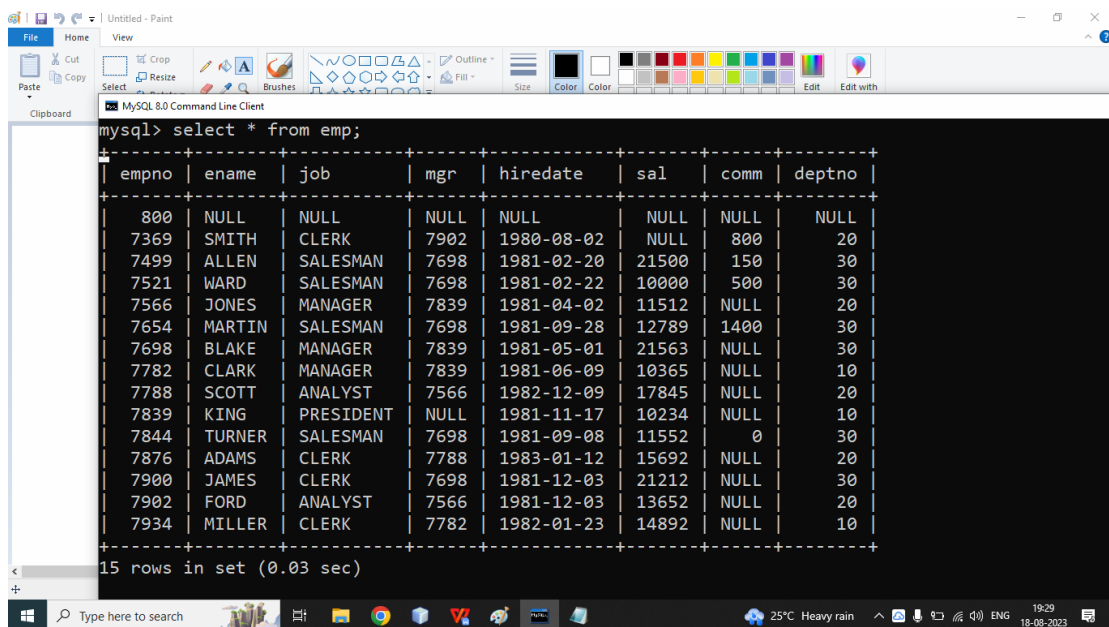
Step3: Create Table with Name “USERS”



The screenshot shows the MySQL 8.0 Command Line Client interface. The command `mysql> desc users;` has been executed, displaying the structure of the 'users' table. The table has 6 rows in the set, returned in 0.00 seconds. The schema is as follows:

Field	Type	Null	Key	Default	Extra
Uid	int	NO	PRI	NULL	
name	varchar(45)	YES		NULL	
username	varchar(45)	YES		NULL	
password	varchar(45)	YES		NULL	
email	varchar(45)	YES		NULL	
Mobile	varchar(45)	YES		NULL	

The Windows taskbar at the bottom shows the date as 21-01-2025 and the time as 17:44.



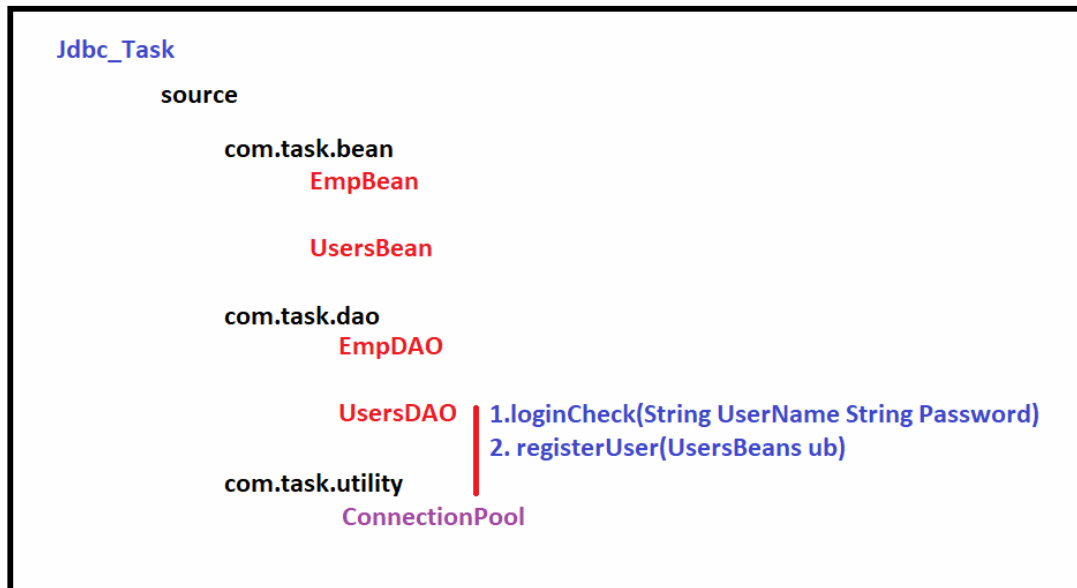
The screenshot shows the MySQL 8.0 Command Line Client interface. The command `mysql> select * from emp;` has been executed, displaying the contents of the 'emp' table. The table has 15 rows in the set, returned in 0.03 seconds. The data is as follows:

empno	ename	job	mgr	hiredate	sal	comm	deptno
800	NULL	NULL	NULL	NULL	NULL	NULL	NULL
7369	SMITH	CLERK	7902	1980-08-02	NULL	800	20
7499	ALLEN	SALESMAN	7698	1981-02-20	21500	150	30
7521	WARD	SALESMAN	7698	1981-02-22	10000	500	30
7566	JONES	MANAGER	7839	1981-04-02	11512	NULL	20
7654	MARTIN	SALESMAN	7698	1981-09-28	12789	1400	30
7698	BLAKE	MANAGER	7839	1981-05-01	21563	NULL	30
7782	CLARK	MANAGER	7839	1981-06-09	10365	NULL	10
7788	SCOTT	ANALYST	7566	1982-12-09	17845	NULL	20
7839	KING	PRESIDENT	NULL	1981-11-17	10234	NULL	10
7844	TURNER	SALESMAN	7698	1981-09-08	11552	0	30
7876	ADAMS	CLERK	7788	1983-01-12	15692	NULL	20
7900	JAMES	CLERK	7698	1981-12-03	21212	NULL	30
7902	FORD	ANALYST	7566	1981-12-03	13652	NULL	20
7934	MILLER	CLERK	7782	1982-01-23	14892	NULL	10

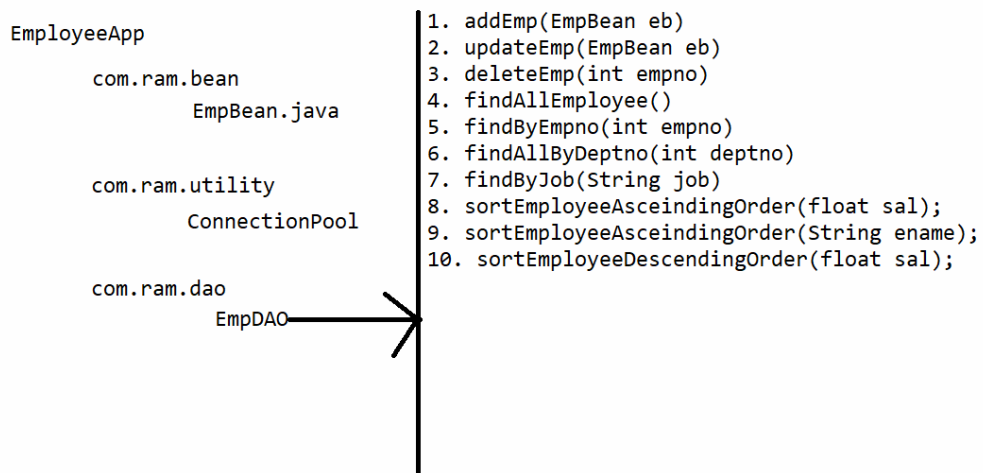
The Windows taskbar at the bottom shows the date as 18-08-2023 and the time as 19:29.

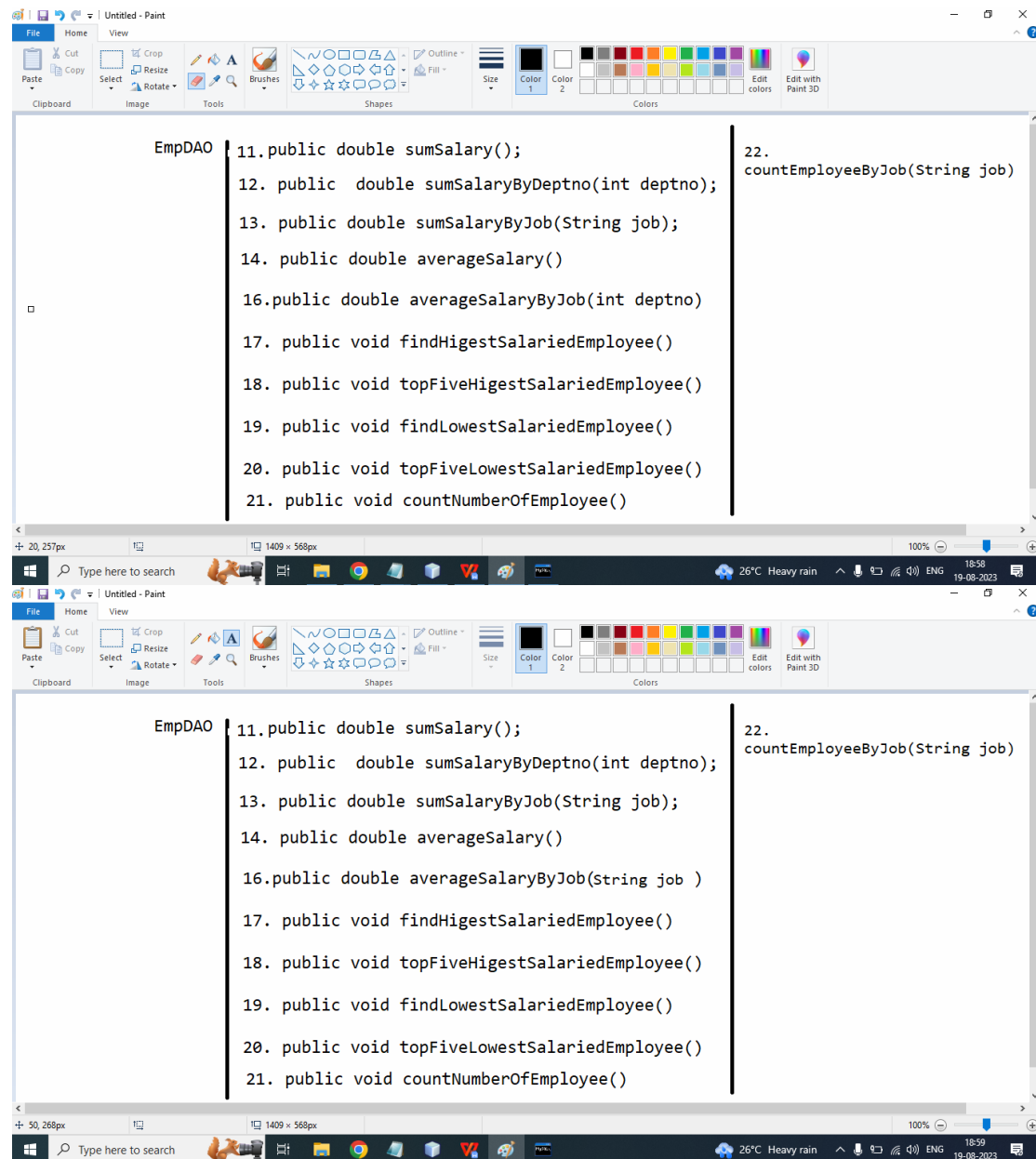
Step4 : Create web Project in Netbeans IDE with name “Jdbc_task”

Step5: Create three package inside the source package



Create Beans and DAOS





Step5: Call All methods of EmpDAO and UsersDAO inside main method

After Servlet

Servlet JDBC Project

Employee	Reports (find By)	Sorting
Add Employee	findByEmployeeNumber	SortAllEmployeeBySalInAscendingOrder
		SortAllEmployeeBySalInDescendingOrder
View Employee	FindAllByDeptno	SortAllEmployeeByNameInAscendingOrder
		SortAllEmployeeByNameInDesceindingOrder
all Employee	FindAllEmployeeByJob	
menu1	menu2	Menu3

Menu1:(Add Employee)

Add Employee Form

Employee Number	<input type="text"/>
Employee Name	<input type="text"/>
Job	<input type="text"/>
MGR	<input type="text"/>
Hiredate	<input type="text"/>
Salary	<input type="text"/>
Deptno	<input type="text"/>
<input type="button" value="Add Employee"/>	

Menu1(find All Employee)

Find Alll Employee

EmpNo	Ename	Job	mgr	hiredate	sal	deptno	comm	EDIT	Delete

Menu2 : Reports(FindByEmployeeNumber)

Enter Employee Number

7499

Submit

EmpNo	Ename	Job	mgr	hiredate	sal	deptno	comm	EDIT	Delete
7499	ALLEN	SALESMAN	7698	1981-02-20	21500	30	150	EDIT	Delete

Menu2: (FindByDeptno)

FindAllByDeptNo

Enter Department number

10

Submit

empno	ename	job	mgr	hiredate	sal	comm	deptno
7782	CLARK	MANAGER	7839	1981-06-09	10365	NULL	10
7839	KING	PRESIDENT	NULL	1981-11-17	10234	NULL	10

Menu2(FindAll Employee By Job)

FindAll Employee By Job

Enter Job

SALESMAN

Submit

empno	ename	job	mgr	hiredate	sal	comm	deptno
7499	ALLEN	SALESMAN	7698	1981-02-20	21500	150	30
7521	WARD	SALESMAN	7698	1981-02-22	10000	500	30
7654	MARTIN	SALESMAN	7698	1981-09-28	12789	1400	30
7844	TURNER	SALESMAN	7698	1981-09-08	11552	0	30