STUDENT NAME: ADEWALE SOLIU KASIM

STUDENT ID: KAS20505831

CREATING A SQL TABLE

ROYALTY DECORATION COMPANY TABLE STRUCTURE

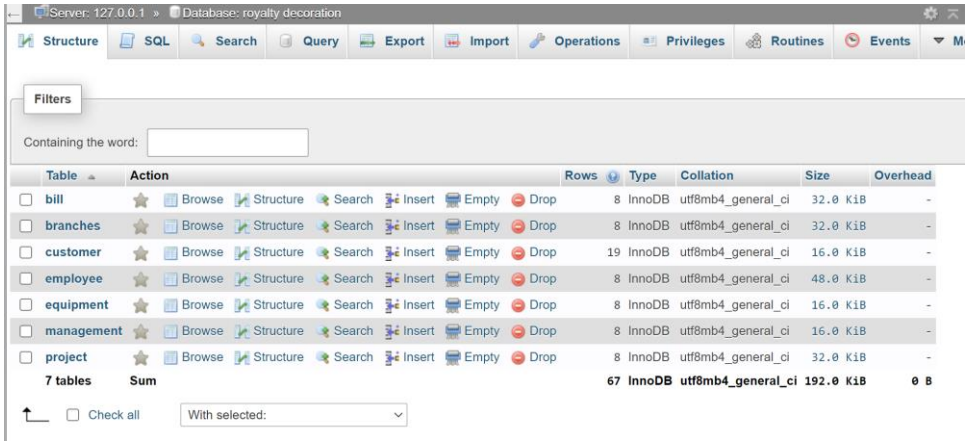
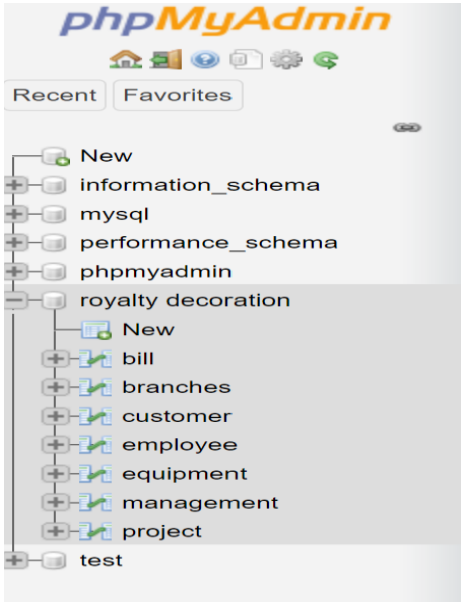
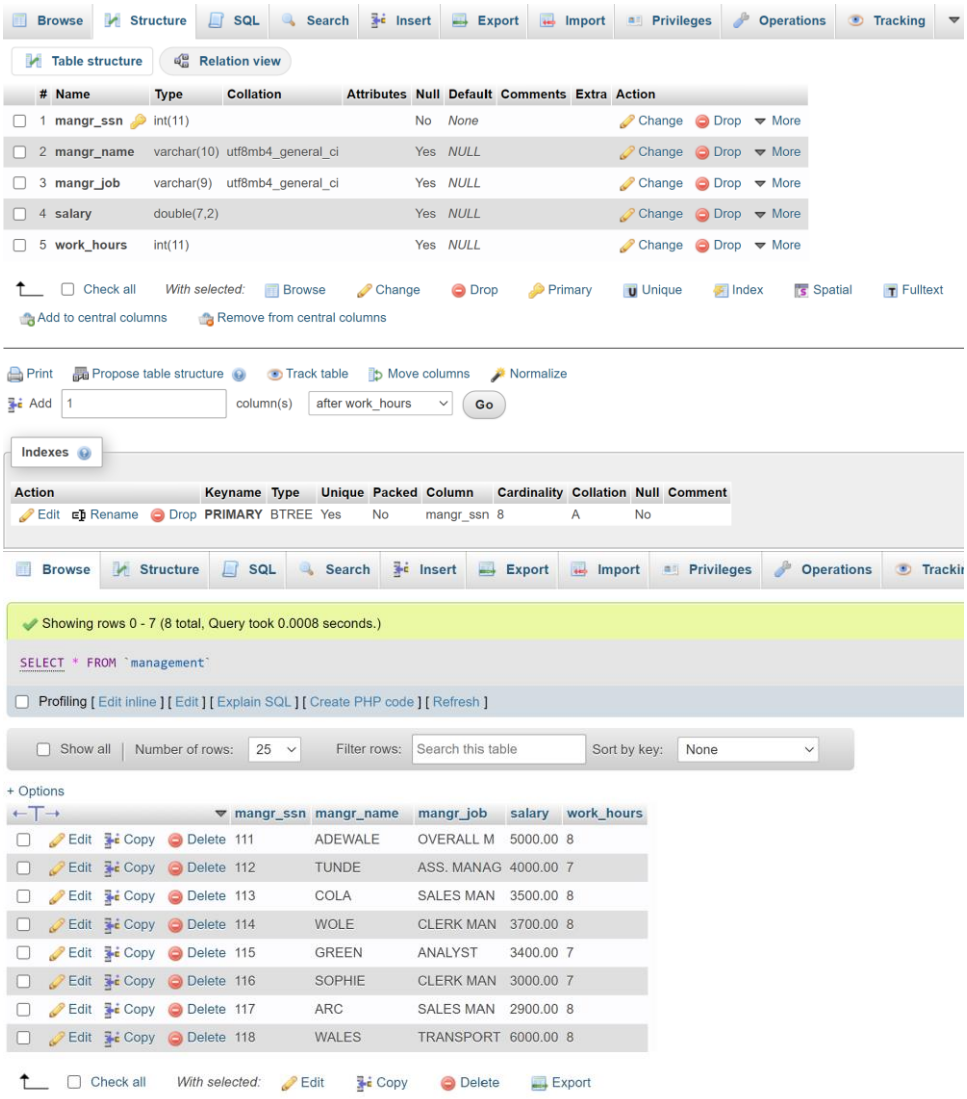


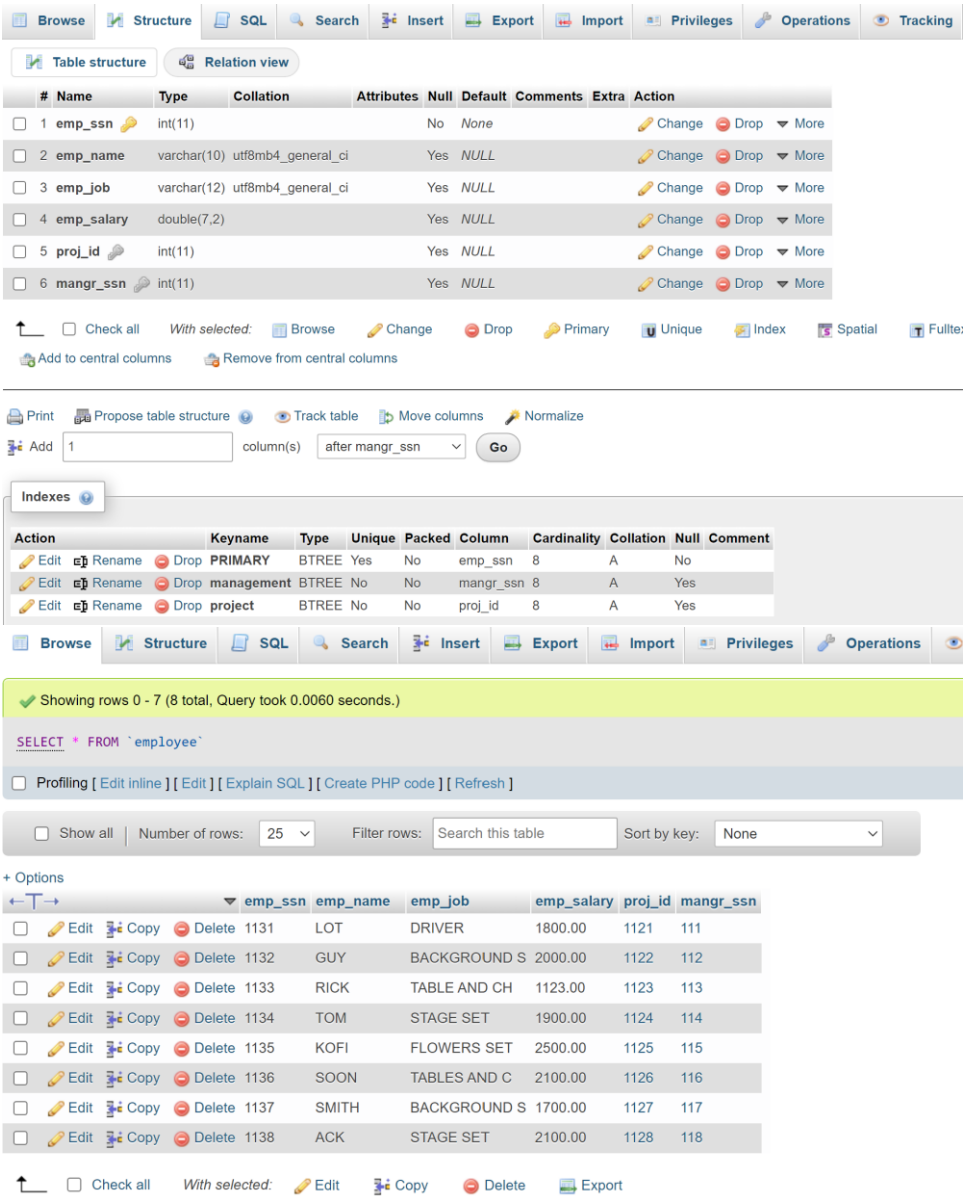
TABLE SCHEMA



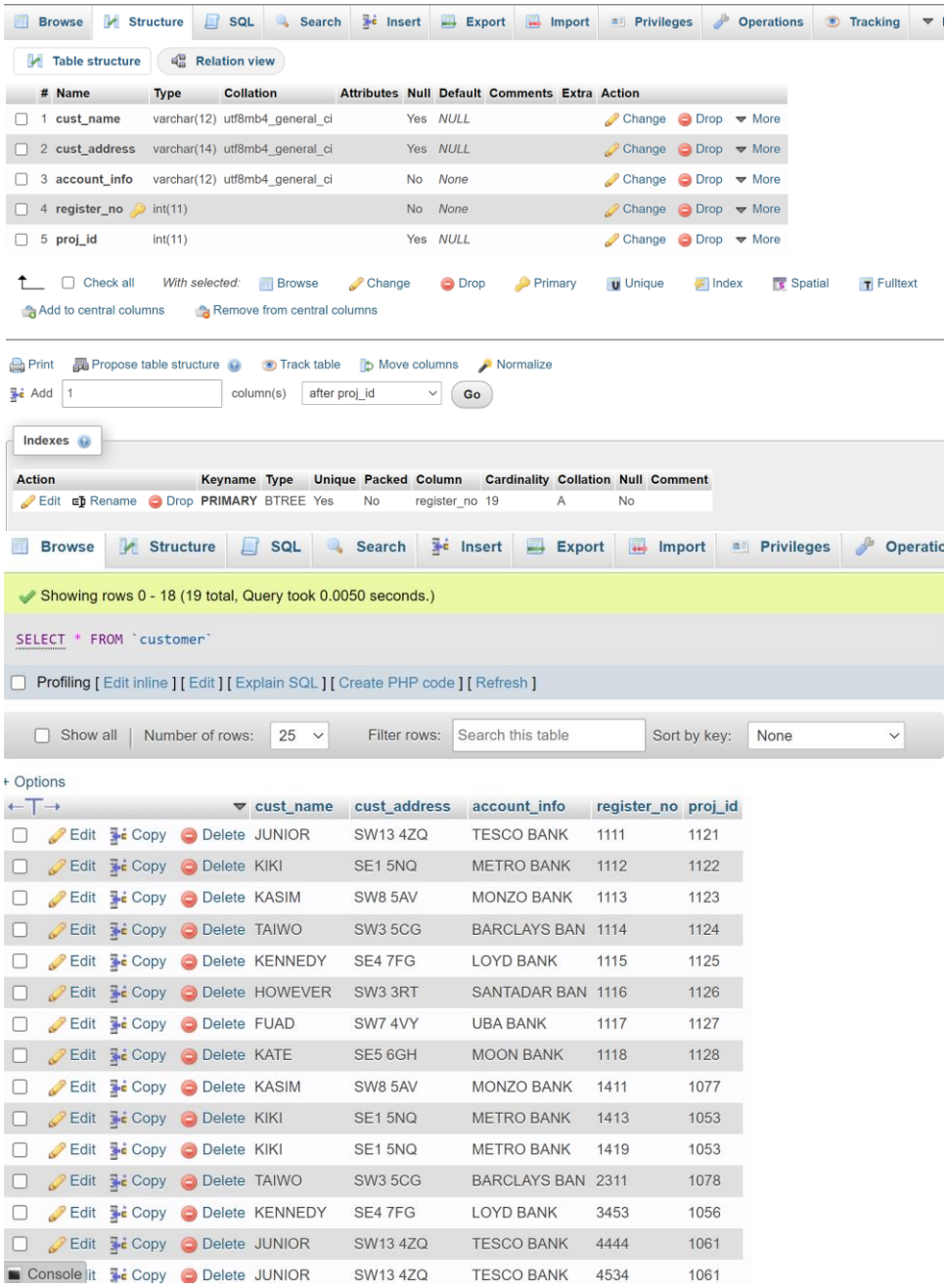
MANAGEMENT TABLE & STRUCTURE



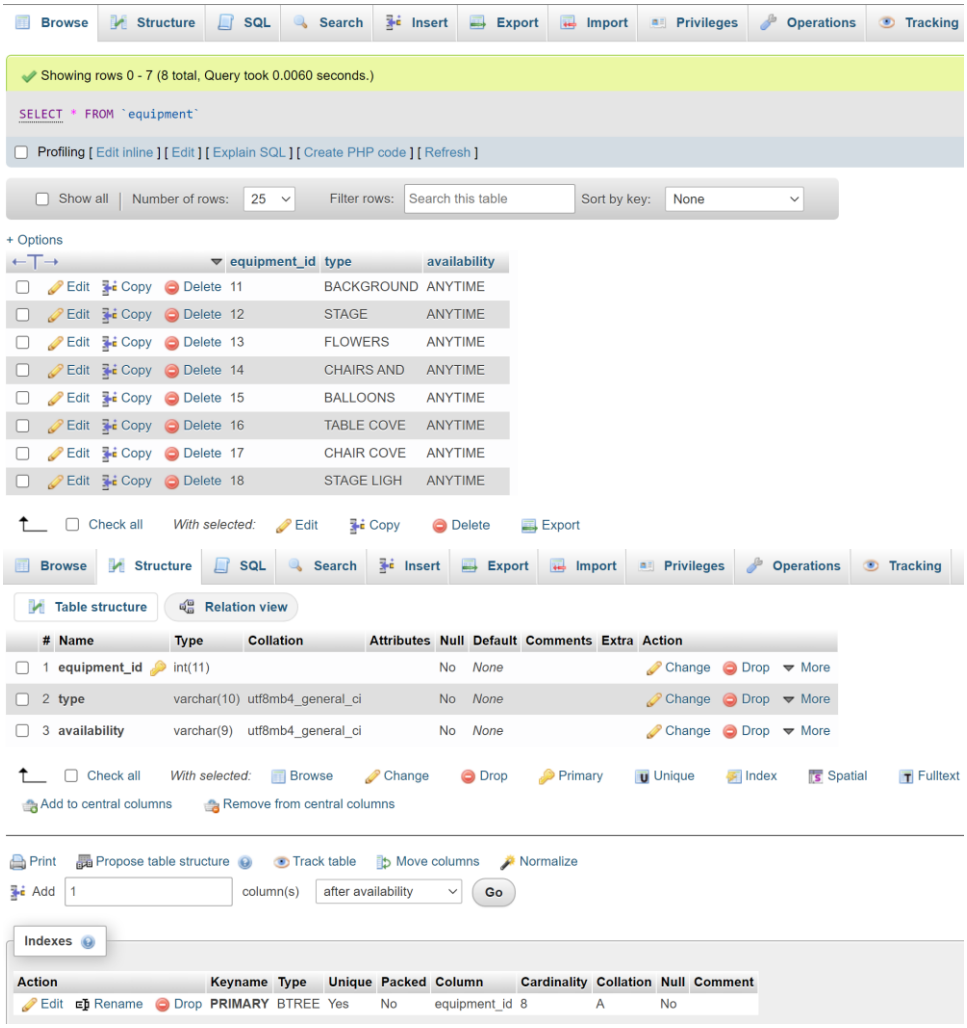
EMPLOYEE TABLE & STRUCTURE



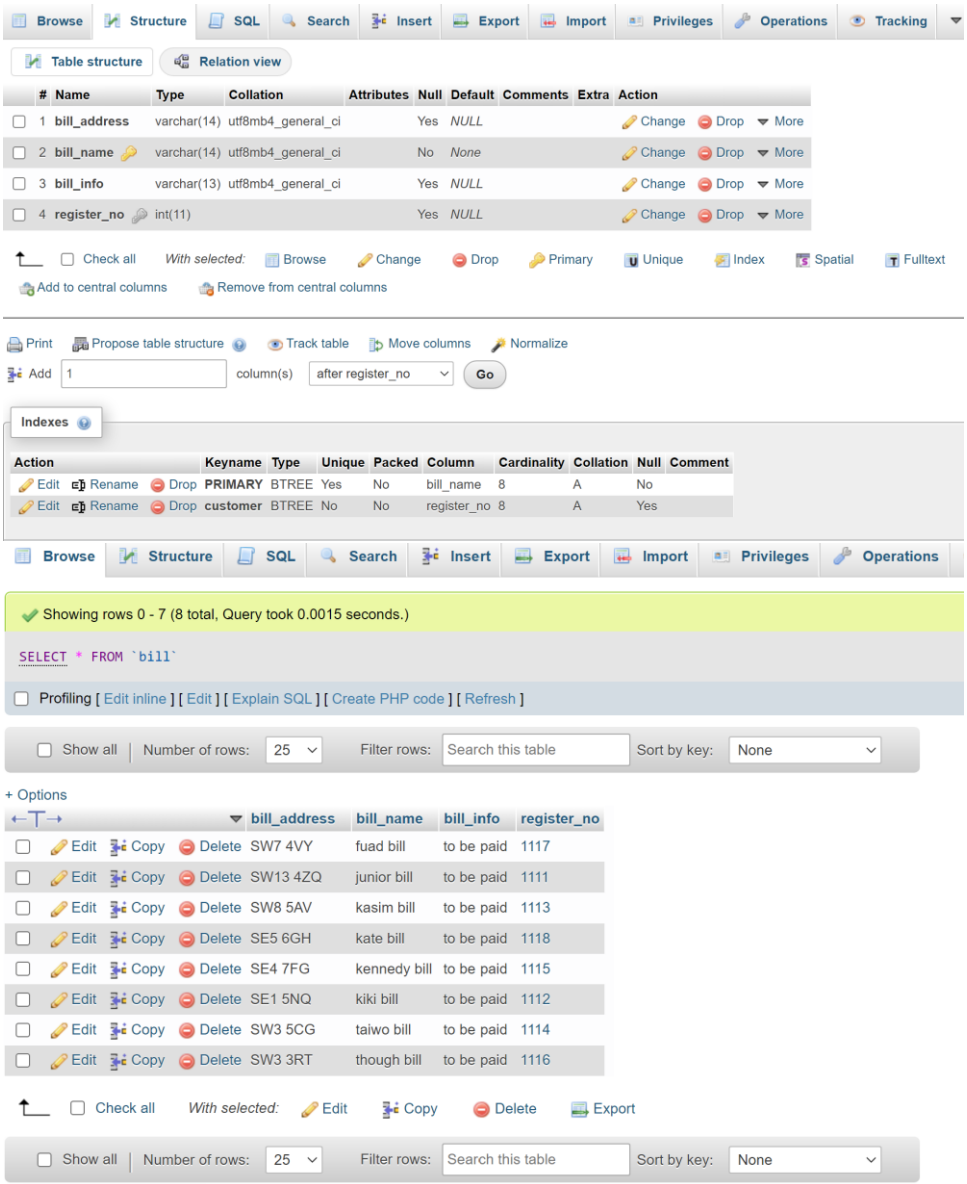
CUSTOMER TABLE & STRUCTURE



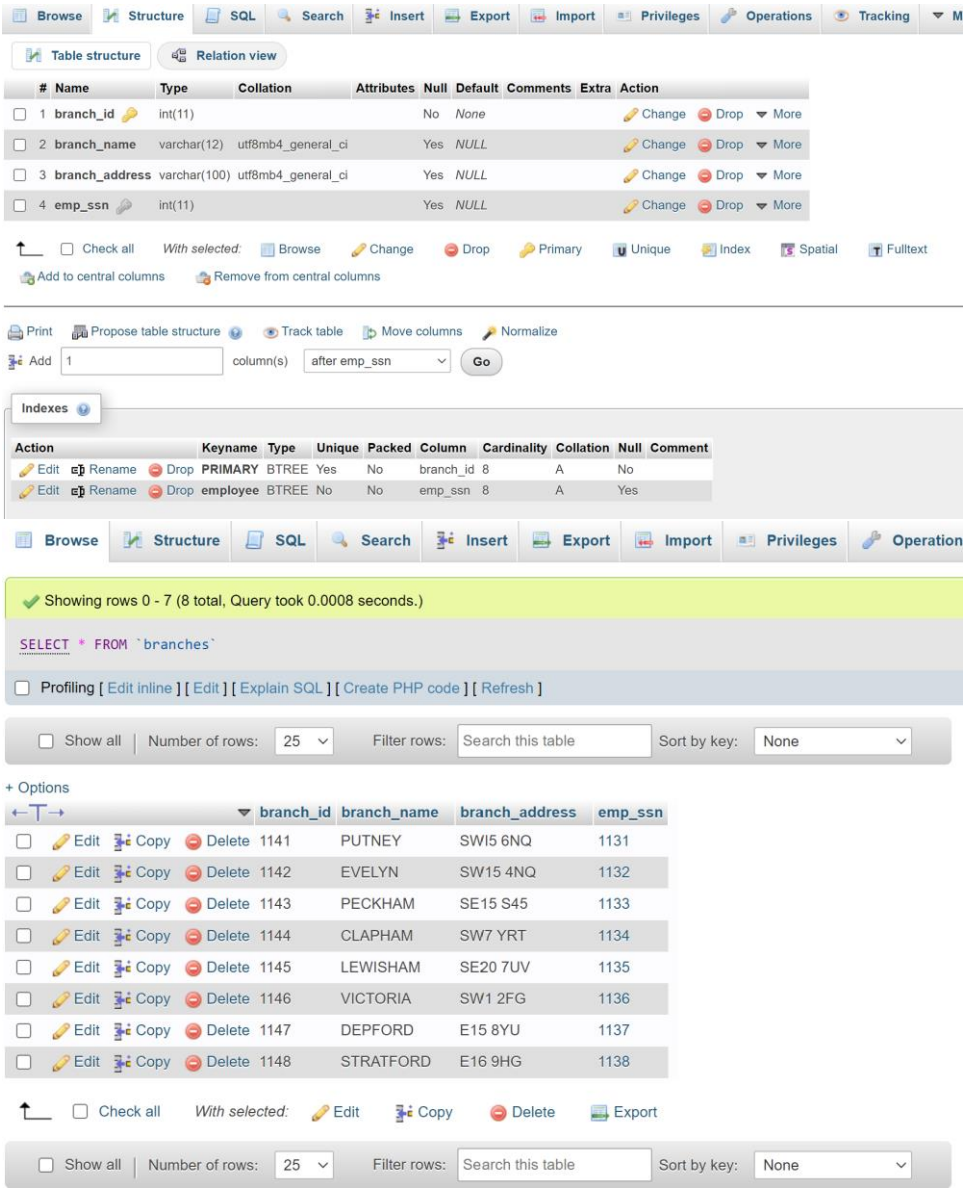
DECORATIONS/EQUPIMENT TOOLS TABLE & STRUCTURE



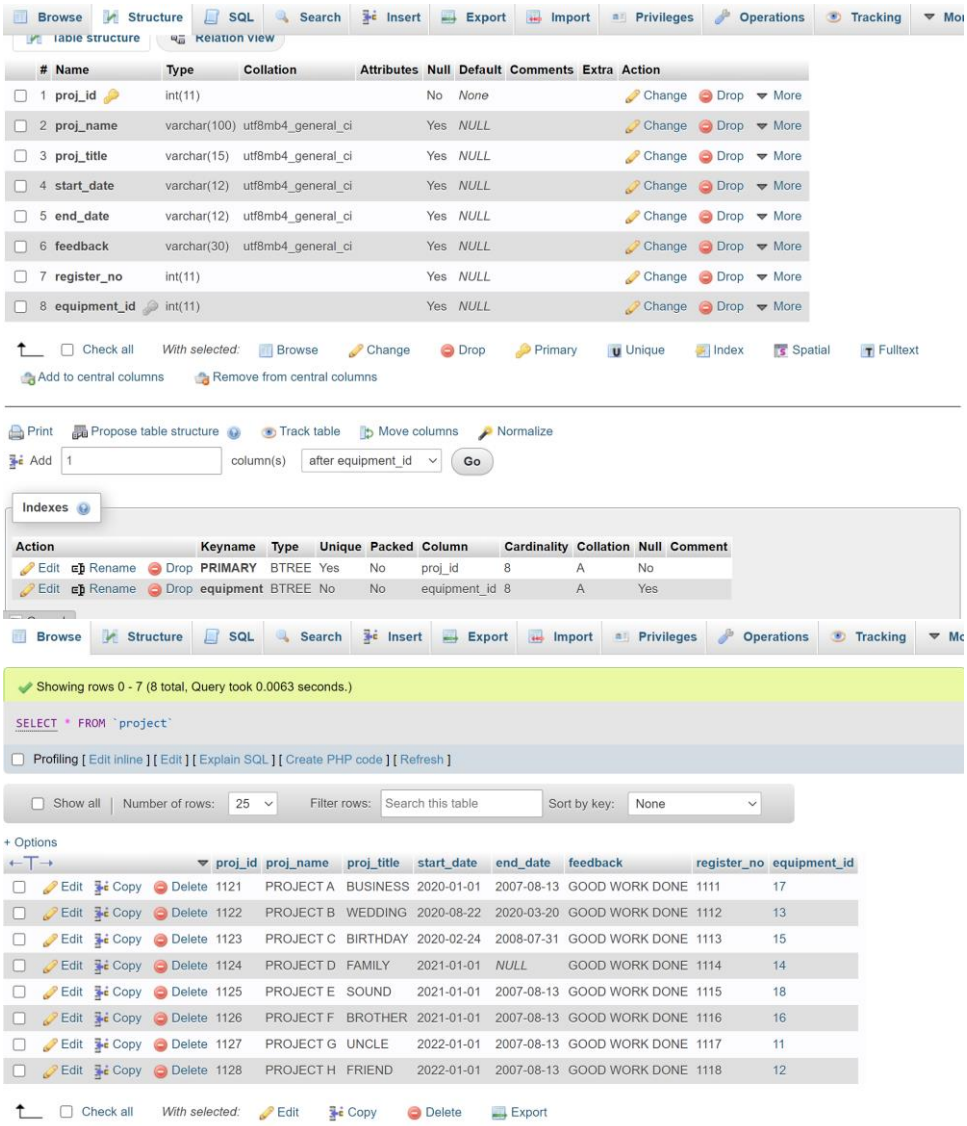
BILLS TABLE & STRUCTURE



BRANCHES TABLE & STRUCTURE



PROJECTS TABLE & STRUCTURE



QUESTIONS

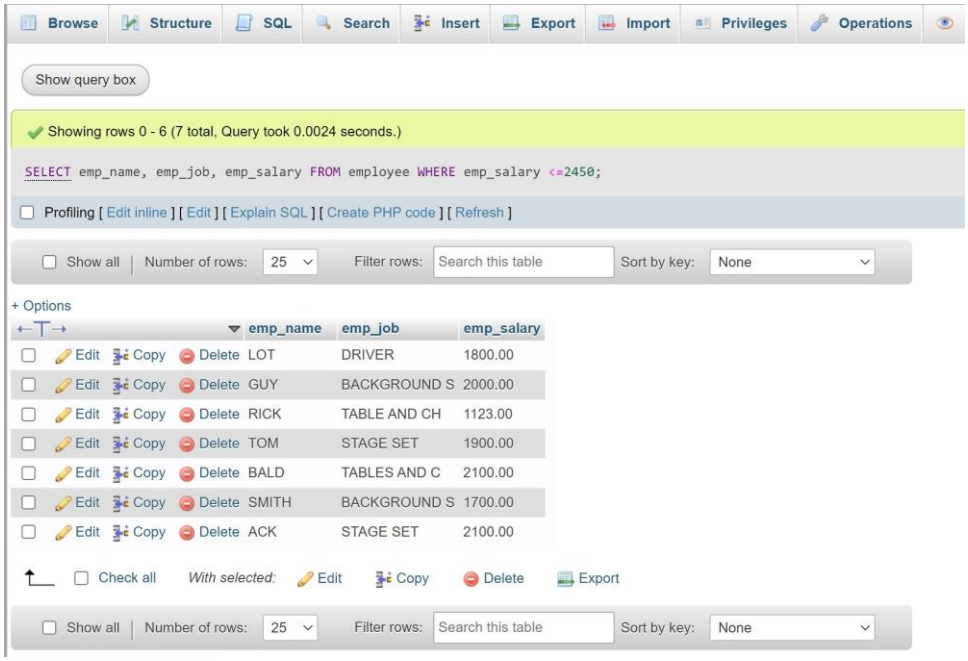
1. Find the employee's name, speciality and salary for those who their salary is not up to 2450.

QUARRY

SELECT emp_name,emp_job, emp_salary

FROM employee

WHERE emp_salary < 2450.00



2. Find from the management details the management name that start with the letter “W” or end with the letter “I”.

QUARRY

SELECT *

FROM management

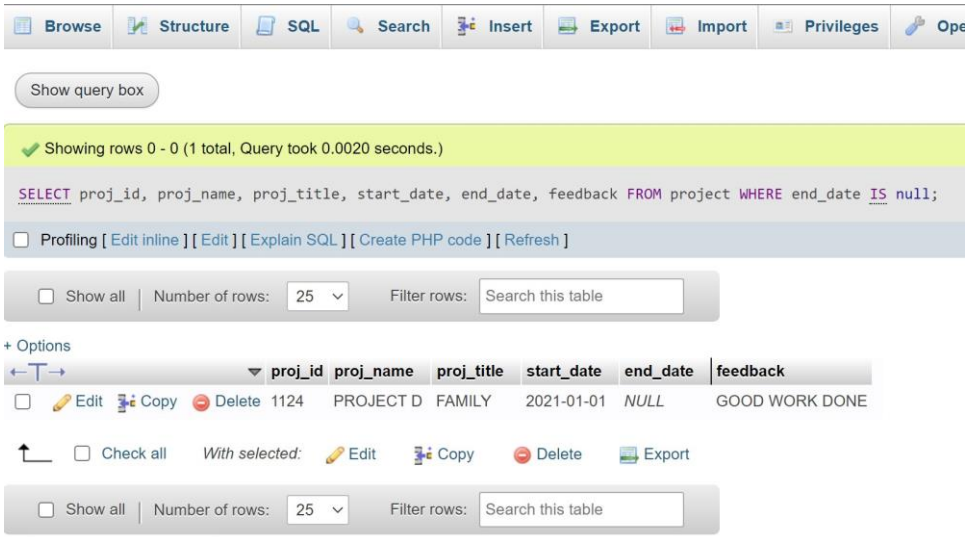
WHERE mangr_name like "A%" OR "%S"

3. Find the data about all the projects where the “end date” of the project include null

SELECT proj_id, proj_name, proj_title, start_date, end_date, feedback

FROM project

WHERE end_date IS null



4. Find the average of the employee salaries of all the projects in the table

QUARRY

SELECT AVG(emp_salary), proj_id

FROM employee

GROUP by proj_id

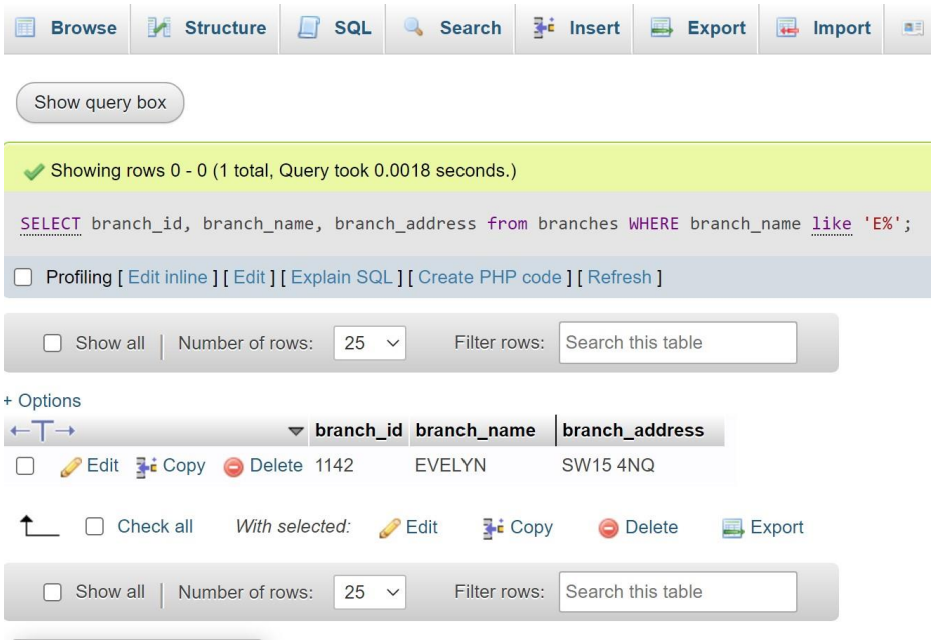
5. Find the data from the table branches as where the location of the branch begins with the letter “E”.

ANS

SELECT branch_id, branch_name, branch_address

from branches

WHERE branch_name like 'E%'



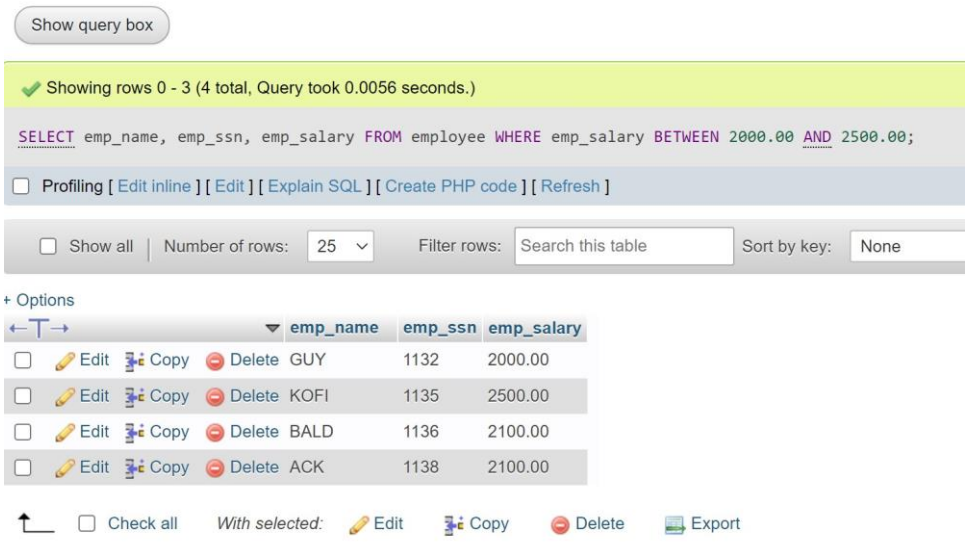
6. Find the employee's name and the employee ssn where the employee's salaries are within 2000.00 and 2500.00.

QUARRY

SELECT emp_name, emp_ssn, emp_salary

FROM employee

WHERE emp salary BETWEEN 2000.00 AND 2500.00



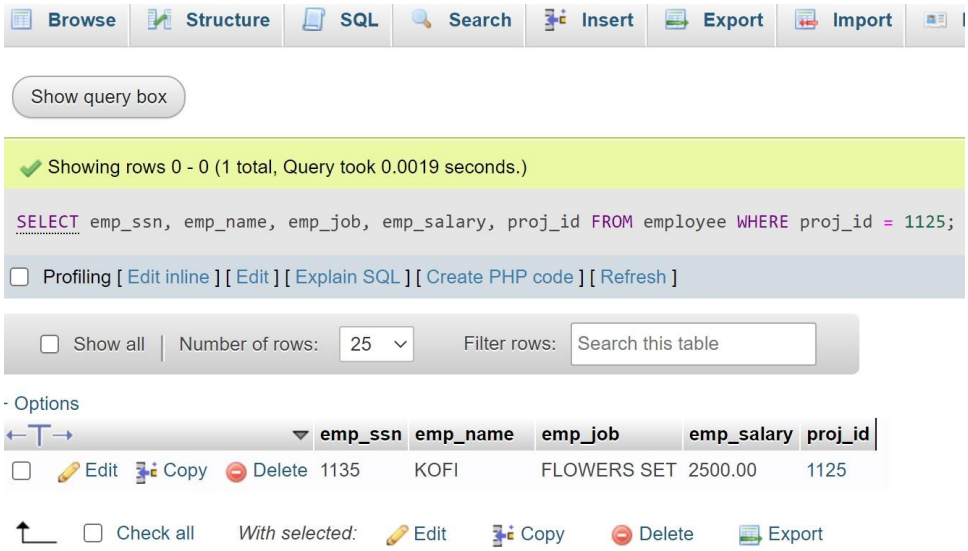
7. Find employee ssn, name, job and salary who are working under project id 1011.

QUARRY

SELECT emp_ssn, emp_name, emp_job, emp_salary, proj_id

FROM employee

WHERE proj_id = 1125



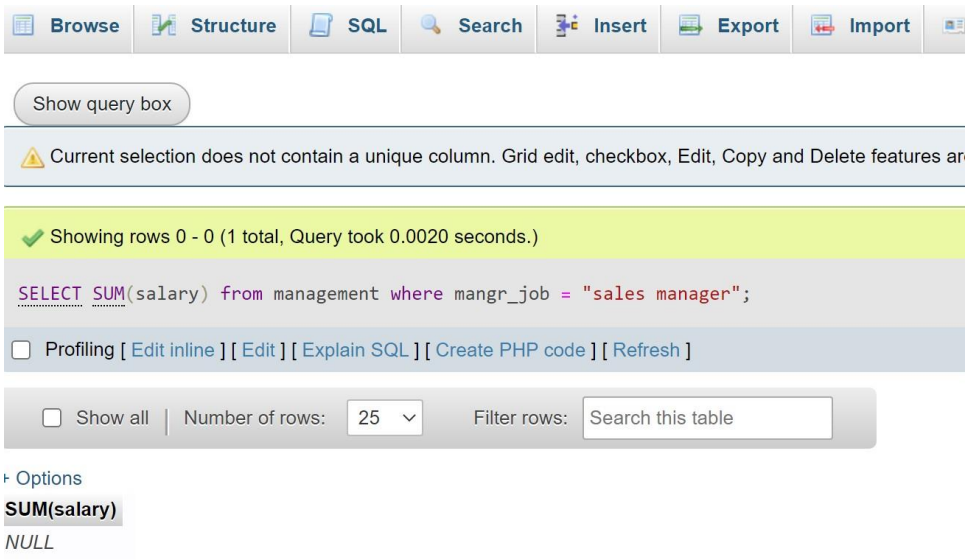
8. Find the average salary for each type of manager's job

QUARRY

SELECT SUM(salary)

FROM management

WHERE mangr_job = "sales manager"



9. Find employee's ssn, name, salary, branch name and branch address in ascending order with the help of the branch name.

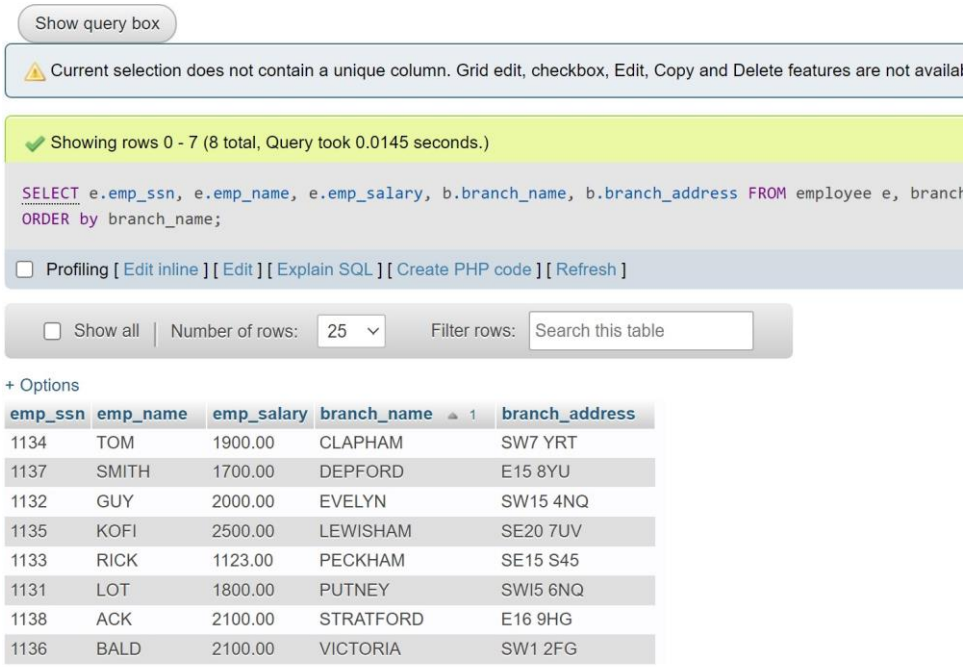
QUARRY

SELECT e.emp_ssn, e.emp_name, e.emp_salary, b.branch_name, b.branch_address

FROM employee e, branches b

WHERE e.emp_ssn = b.emp_ssn

ORDER by branch_name



emp_ssn	emp_name	emp_salary	branch_name ▲ 1	branch_address
1134	TOM	1900.00	CLAPHAM	SW7 YRT
1137	SMITH	1700.00	DEPFORD	E15 8YU
1132	GUY	2000.00	EVELYN	SW15 4NQ
1135	KOFI	2500.00	LEWISHAM	SE20 7UV
1133	RICK	1123.00	PECKHAM	SE15 S45
1131	LOT	1800.00	PUTNEY	SWI5 6NQ
1138	ACK	2100.00	STRATFORD	E16 9HG
1136	BALD	2100.00	VICTORIA	SW1 2FG

10. Find the equipment type and project name who are working with different equipment id

QUARRY

SELECT p.proj_name, e.type

FROM project p, equipment e

where p.equipment_id = e.equipment_id

Show query box

Current selection does not contain a unique column. Grid edit, checkbox, Edit, Copy and Delete features are not a

Showing rows 0 - 7 (8 total, Query took 0.0032 seconds.)

```
SELECT p.proj_name, e.type FROM project p, equipment e where p.equipment_id = e.equipment_id;
```

Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

Show all | Number of rows: 25 Filter rows: Search this table

+ Options

proj_name	type
PROJECT A	CHAIR COVE
PROJECT B	FLOWERS
PROJECT C	BALLONS
PROJECT D	CHAIRS AND
PROJECT E	STAGE LIGH
PROJECT F	TABLE COVE
PROJECT G	BACKGROUND
PROJECT H	STAGE

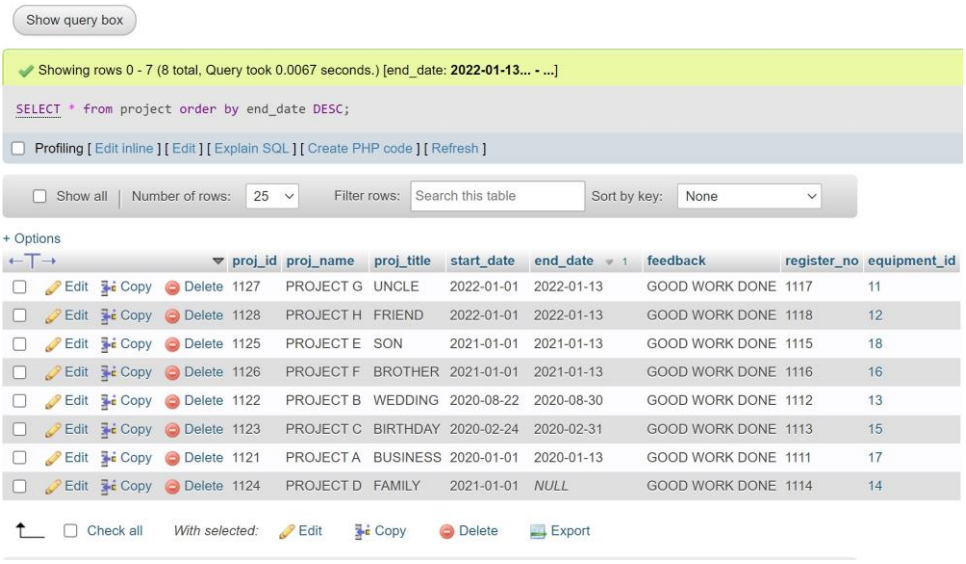
11. Display the project details order by end date in descending order

QUARRY

SELECT *

from project

order by end_date DESC



12. Create a view to hold branches data whereas in which the branch name is not null.

QUARRY

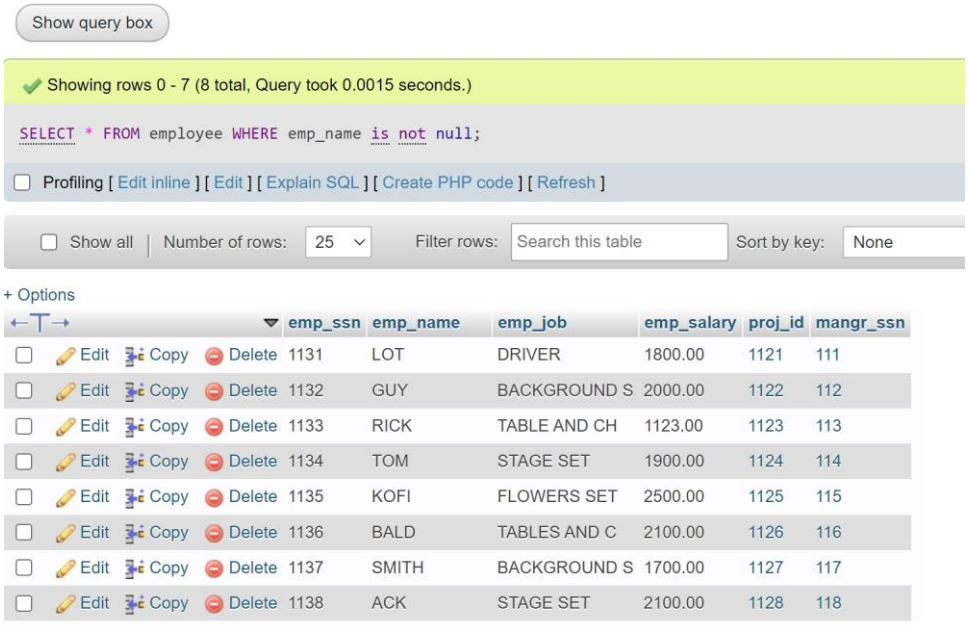
CREATE OR REPLACE VIEW branches_1 AS

SELECT *

FROM employee

WHERE emp_name is not null;

Describe employee;



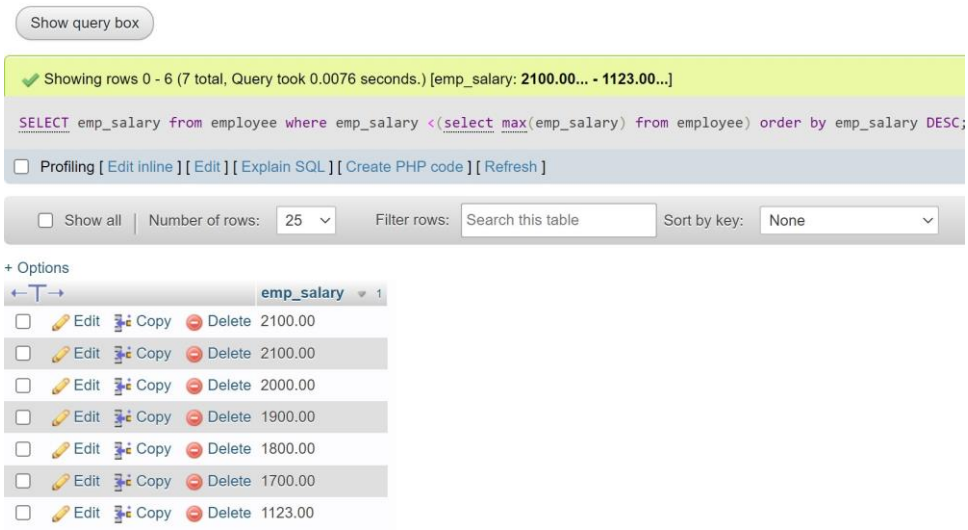
	emp_ssn	emp_name	emp_job	emp_salary	proj_id	mangr_ssn
Edit Copy Delete	1131	LOT	DRIVER	1800.00	1121	111
Edit Copy Delete	1132	GUY	BACKGROUND S	2000.00	1122	112
Edit Copy Delete	1133	RICK	TABLE AND CH	1123.00	1123	113
Edit Copy Delete	1134	TOM	STAGE SET	1900.00	1124	114
Edit Copy Delete	1135	KOFI	FLOWERS SET	2500.00	1125	115
Edit Copy Delete	1136	BALD	TABLES AND C	2100.00	1126	116
Edit Copy Delete	1137	SMITH	BACKGROUND S	1700.00	1127	117
Edit Copy Delete	1138	ACK	STAGE SET	2100.00	1128	118

13. Find the salaries for all the employees in the company except for the one who has the highest salary in descending order.

QUARRY

SELECT emp_salary from employee

where emp_salary <(select max(emp_salary) from employee) order by emp_salary DESC



	emp_salary
Edit Copy Delete	2100.00
Edit Copy Delete	2100.00
Edit Copy Delete	2000.00
Edit Copy Delete	1900.00
Edit Copy Delete	1800.00
Edit Copy Delete	1700.00
Edit Copy Delete	1123.00

14. Create a view to hold employee's data which has the project id of 1121

QUARRY

CREATE OR REPLACE VIEW empv_1

AS SELECT *

FROM employee

WHERE proj_id=1121;

Describe empv_1;

Show query box

MySQL returned an empty result set (i.e. zero rows). (Query took 0.0161 seconds.)

```
CREATE OR REPLACE VIEW empv_1 AS SELECT * FROM employee WHERE proj_id=1121;
```

[Edit inline] [Edit] [Create PHP code]

Your SQL query has been executed successfully.

```
Describe empv_1;
```

[Edit inline] [Edit] [Create PHP code]

+ Options

Field	Type	Null	Key	Default	Extra
emp_ssn	int(11)	NO		*NULL*	
emp_name	varchar(10)	YES		*NULL*	
emp_job	varchar(12)	YES		*NULL*	
emp_salary	double(7,2)	YES		*NULL*	
proj_id	int(11)	YES		*NULL*	
mangr_ssn	int(11)	YES		*NULL*	