ASSINGNMENT1



1. mysql> create database address\_book;

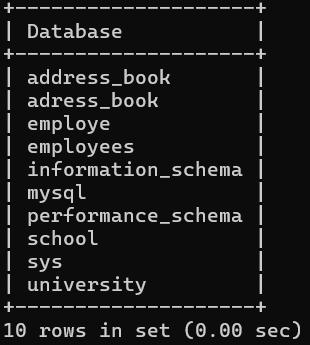
Query OK, 1 row affected (0.01 sec)

1. describe, show

mysql> select \* from table\_name;

mysql> select\* from employee­\_data;

1. mysql> show databases;



4.mysql>insert into employee\_data(First\_name,last\_name,title,age,years,salary,perks,email)

->values

->(“Rudolf”,”Reindeer”,”Business\_Analyst”,34,2,95000,17000,”rudolf@budget.com”);

5. select \* from employee\_data;



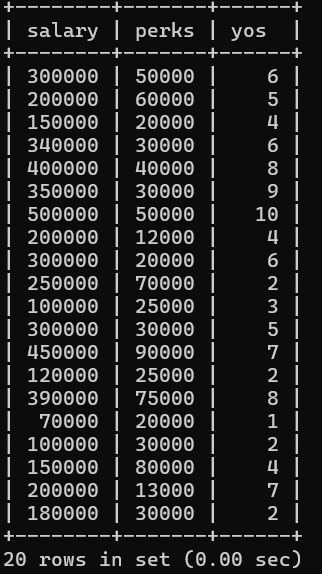
mysql> select f\_name,l\_name,title,age,yos,salary,perks, email from employee\_data;



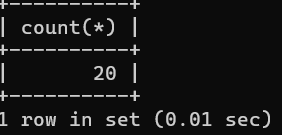
1. mysql> select f\_name,email from employee\_data;



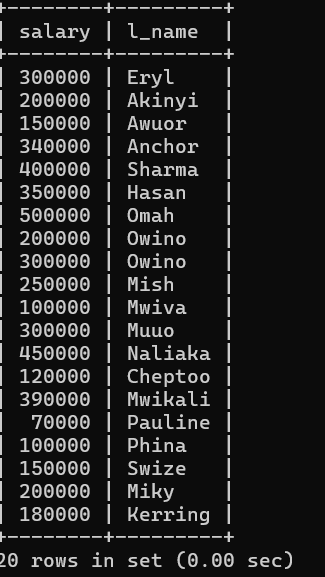
7. mysql> select salary,perks,yos from employee\_data;



8. mysql> select count(\*) from employee\_data;

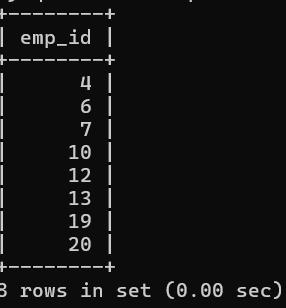


9. mysql> select salary,l\_name from employee\_data;

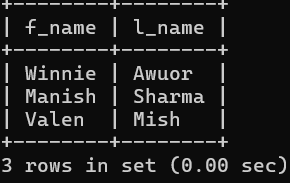


ASSIGNMENT2

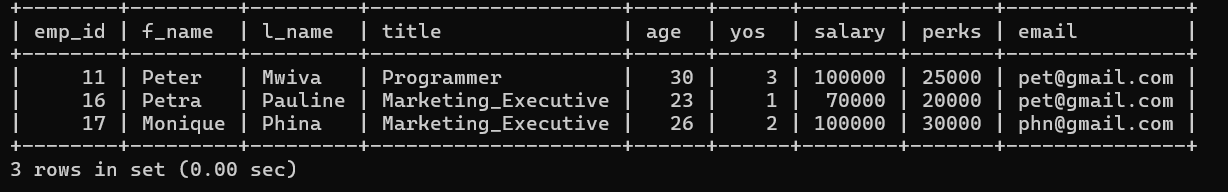
1.mysql> select emp\_id from employee\_data where age>30;



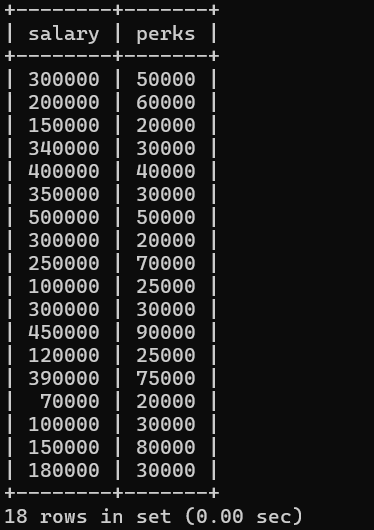
2. mysql> select f\_name,l\_name from employee\_data where title="web\_Designer";



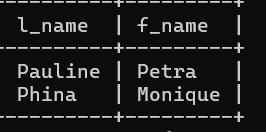
3. mysql> select \*from employee\_data where salary<=100000;



4.mysql> select salary,perks from employee\_data where perks>16000;

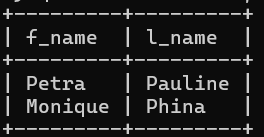


5.mysql> select l\_name,f\_name from employee\_data where title="Marketing­­\_Executive";

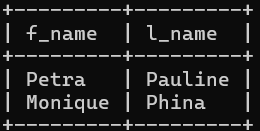


ASSIGNMENT3

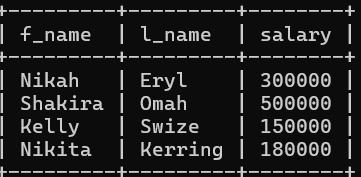
1. mysql> select f\_name,l\_name from employee\_data where l\_name like 'p%';



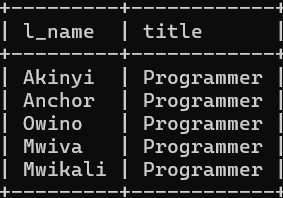
2. mysql> select f\_name,l\_name from employee\_data where title like "%marketing%";



3. mysql> select f\_name,l\_name,salary from employee\_data where f\_name like "%k%";



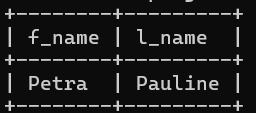
4.mysql> select l\_name,title from employee\_data where title="programmer";



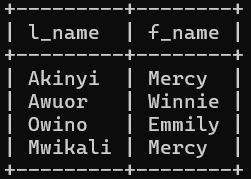
ASSIGNMENT4

1. mysql> select f\_name,l\_name from employee\_data where salary<=90000 and title

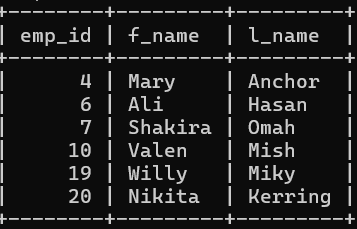
NOT LIKE "%programmer%";



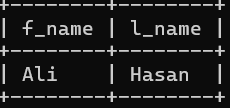
2. mysql> select l\_name,f\_name from employee\_data where title NOT LIKE "%marketing%” AND age<30;



3.mysql> select emp\_id,f\_name,l\_name from employee\_data where age>=32 AND age<=40;

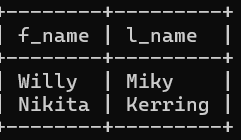


4. mysql> select f\_name,l\_name from employee\_data where age=32 AND title NOT LIKE "%programmer%";



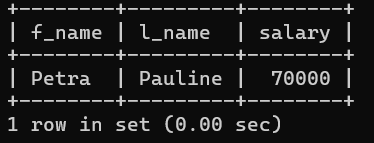
ASSIGNMENT5

1.mysql> select f\_name,l\_name from employee\_data where title="Senior\_Programmer" OR title="Multimedia\_Programmer";

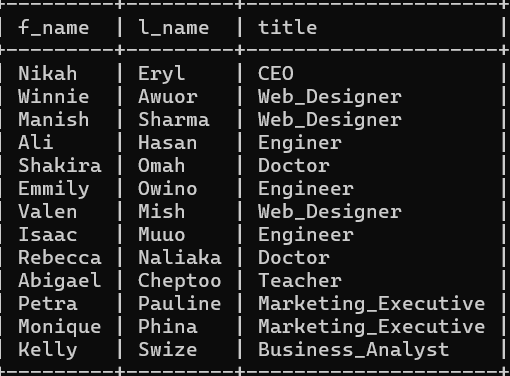


2.mysql> select f\_name,l\_name,salary from employee\_data where salary BETWEEN 70000 AND

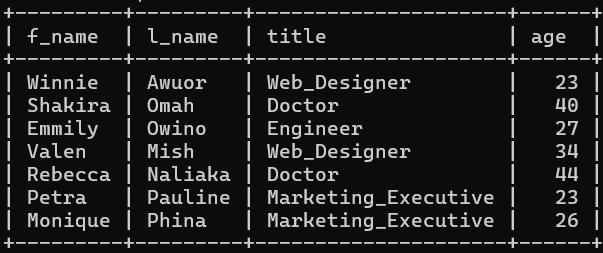
90000;



3. mysql> select f\_name,l\_name,title from employee\_data where title NOT IN('Programmer','Senior\_Programmer','Multimedia\_Programmer');



4. mysql> select f\_name,l\_name,title,age from employee\_data where title NOT IN('Programmer','Senior\_Programmer','Multimedia\_Programmer') AND age NOT BETWEEN 28 AND 32;

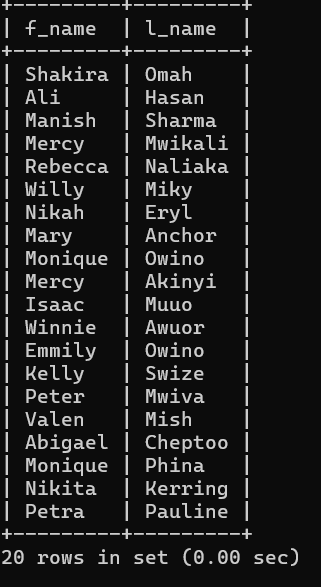


ASSIGNMENT6

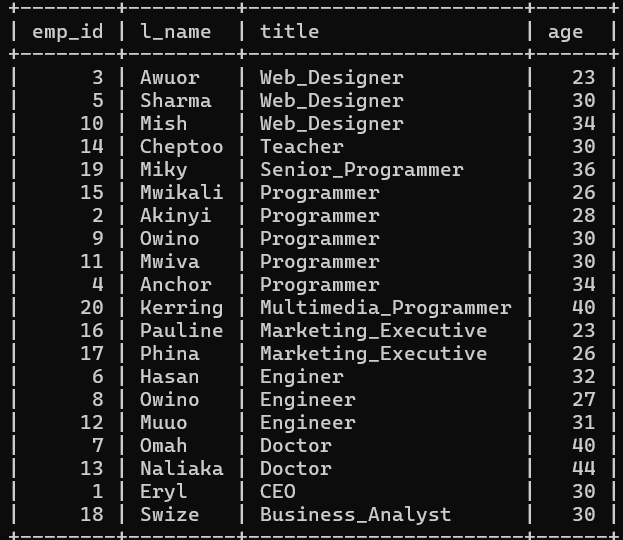
1. mysql> select f\_name,l\_name from employee\_data ORDER BY salary;



1. mysql> select f\_name,l\_name from employee\_data ORDER BY yos DESC;



1. mysql> select emp\_id,l\_name,title,age from employee\_data ORDER BY title DESC,age ASC;

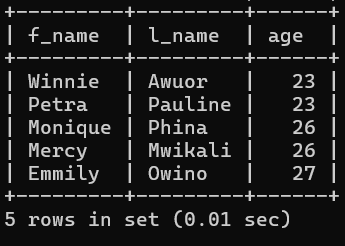


1. mysql> select l\_name,f\_name from employee\_data where title IN('Programmer','Web\_Designer') ORDER BY l\_name ASC;

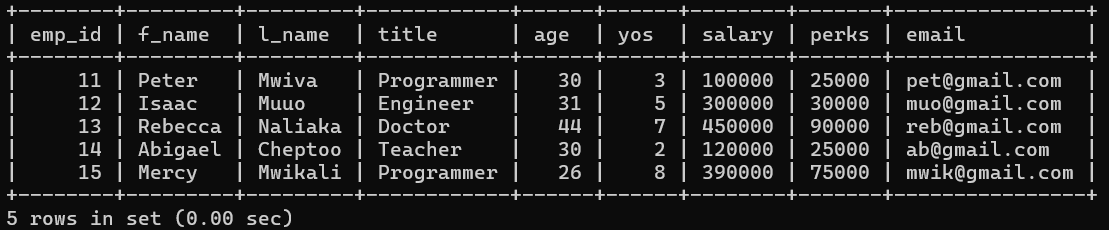


ASSIGNMENT7

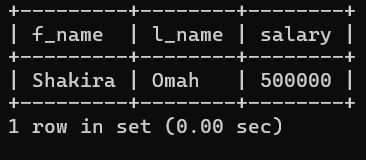
1. mysql> select f\_name,l\_name,age from employee\_data ORDER BY age LIMIT 5;



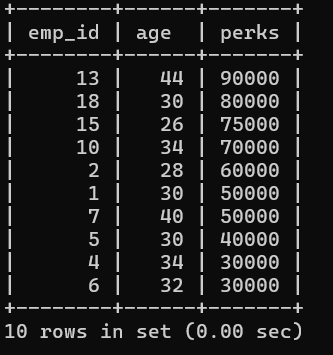
1. mysql> select \* from employee\_data LIMIT 10,5;



3.mysql> select f\_name,l\_name ,salary from employee\_data ORDER BY salary DESC LIMIT 1;

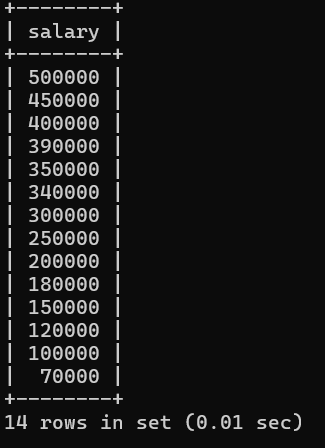


4.mysql> select emp\_id,age,perks from employee\_data ORDER BY perks DESC LIMIT 10;

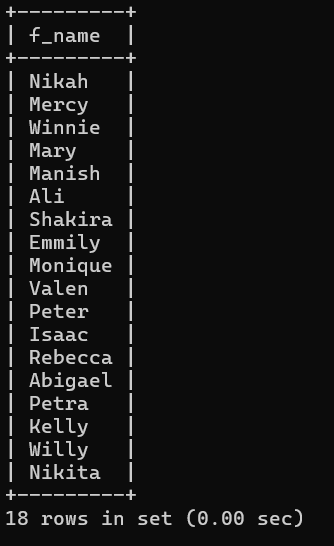


ASSIGNMENT8

1. mysql> Select DISTINCT salary from employee\_data ORDER BY salary DESC;

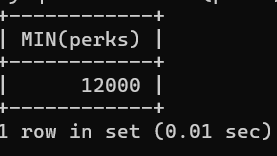


2. mysql> select DISTINCT f\_name from employee\_data;

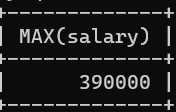


ASSIGNMENT9

1. mysql> select MIN(perks) from employee\_data;

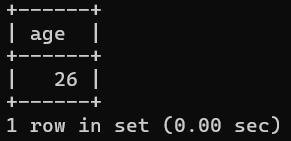


1. mysql> select MAX(salary) from employee\_data where title="Programmer";

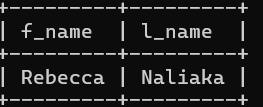


1. mysql> select age from employee\_data where title="Marketing\_Executive" ORDER

BY age DESC LIMIT 1;

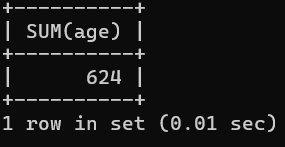


1. mysql> select f\_name,l\_name from employee\_data ORDER BY age DESC LIMIT 1;

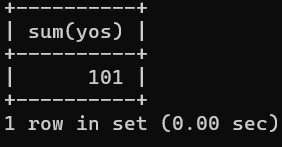


ASSIGNMENT10

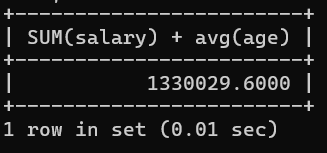
1. mysql> select SUM(age) from employee\_data;



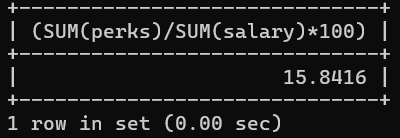
1. mysql> select sum(yos) from employee\_data;



1. mysql> select SUM(salary) + avg(age) from employee\_data where title="programmer";



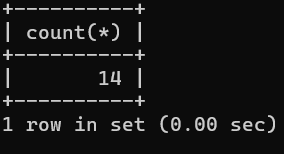
1. mysql> select (SUM(perks)/SUM(salary)\*100) from employee\_data;



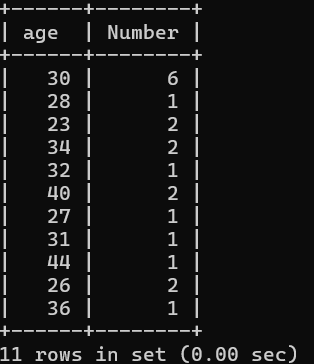
Gives the perks as a percentage.

ASSIGNMENT11

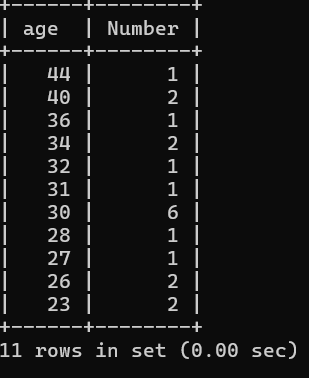
1.mysql> select count(\*) from employee\_data where yos>=4;



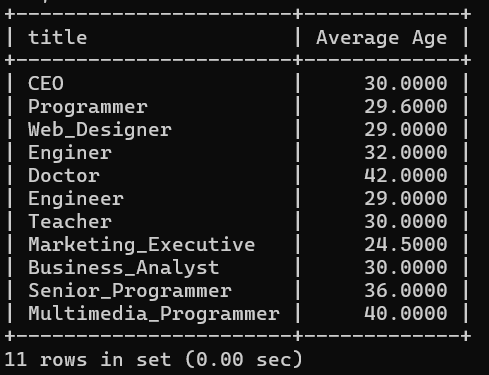
1. mysql> select age,count(\*) as Number from employee\_data GROUP BY age;



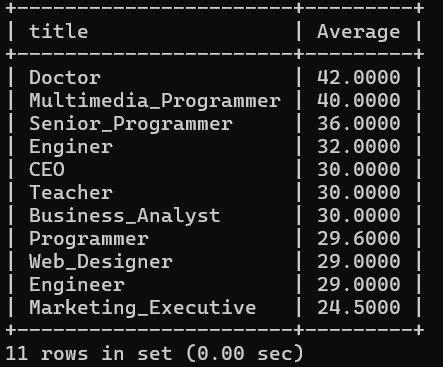
1. mysql> select age,count(\*) as Number from employee\_data GROUP BY age ORDER BY age DESC;



1. mysql> select title,avg(age) as 'Average Age' from employee\_data GROUP BY title;



5. mysql> select title,avg(age) as Average from employee\_data GROUP BY title ORDER BY Average DESC;



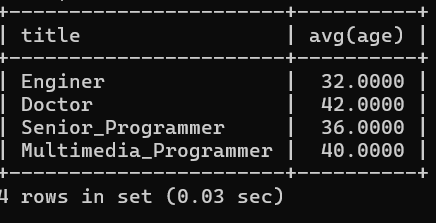
6. mysql> select f\_name,l\_name,((perks/salary)\*100) as Percentage from employee

\_data;



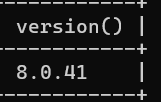
ASSIGNMENT12

1. mysql> select title,avg(age) from employee\_data GROUP BY title HAVING avg(age)>30;

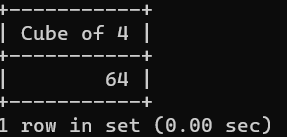


ASSIGNMENT13

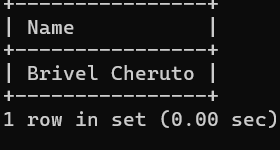
1. mysql> select version();



1. mysql> select (4\*4\*4) AS 'Cube of 4';



1. mysql> select 'Brivel Cheruto' AS Name;



ASSIGNMENT14

1. 1. mysql> update employee\_data

-> SET l\_name='Sharma'

-> where f\_name='Petra';

-> where f\_name='Petra';



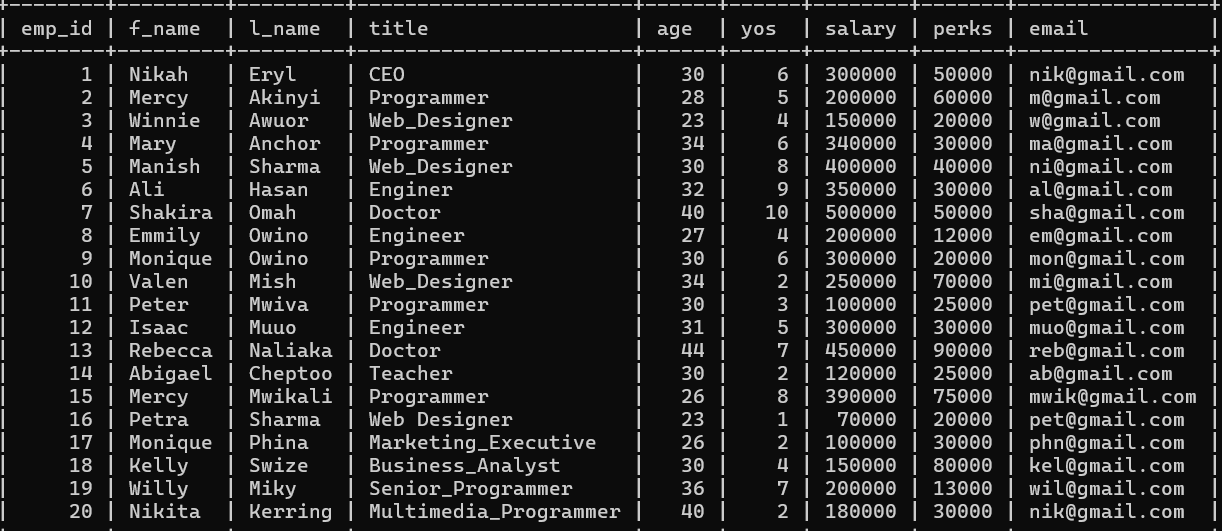


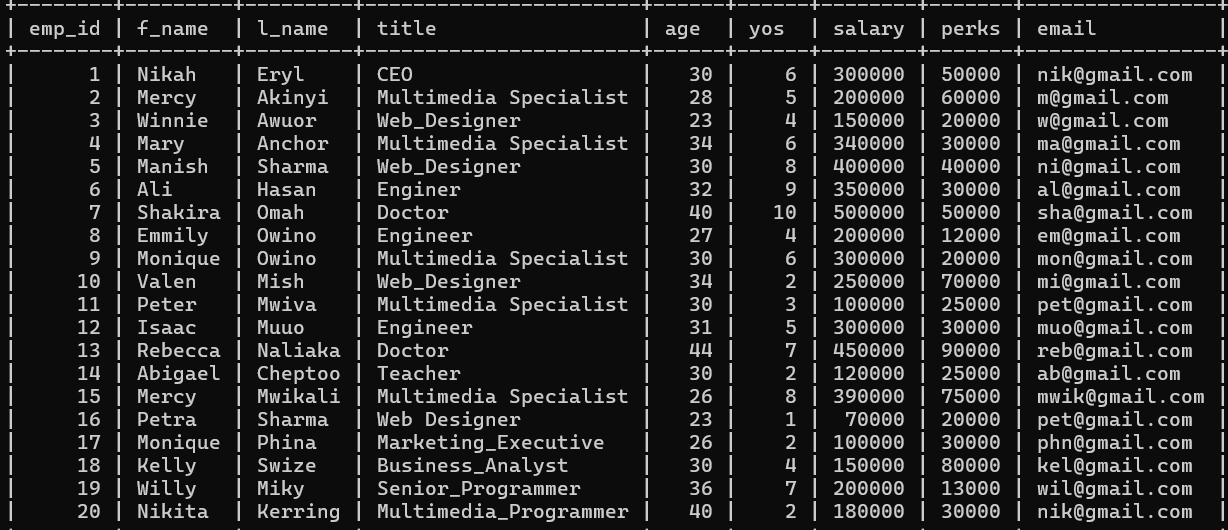
2. mysql> update employee\_data

-> SET title='Multimedia Specialist'

-> where title='Programmer';

Query OK, 5 rows affected (0.01 sec)





3. mysql> update employee\_data

-> SET salary=salary+10000

-> where title !='CEO';

Query OK, 19 rows affected (0.01 sec)

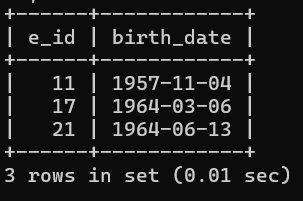
Rows matched: 19 Changed: 19 Warnings: 0



ASSIGNMENT15

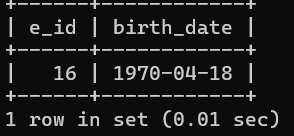
1.List all employee ids and birth dates born before 1965

mysql> select e\_id,birth\_date from employee\_per where birth\_date <'1965-01-01;



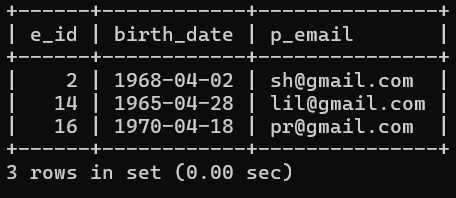
2 ID and birthdate between 1970 and 1972

mysql> select e\_id,birth\_date from employee\_per where birth\_date >='1970-01-01' AND birth\_date <='1972-01-01';



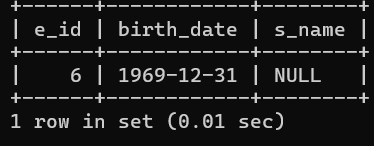
ASSIGNMENT16

1.mysql> select e\_id,birth\_date,p\_email from employee\_per where MONTHNAME(birth\_date)='April';

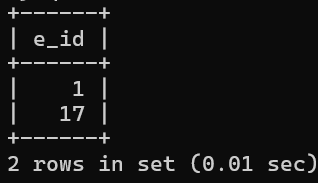


2. mysql> select e\_id,birth\_date,s\_name from employee\_per where year(birth\_dat

e)=1969 ORDER BY s\_name;

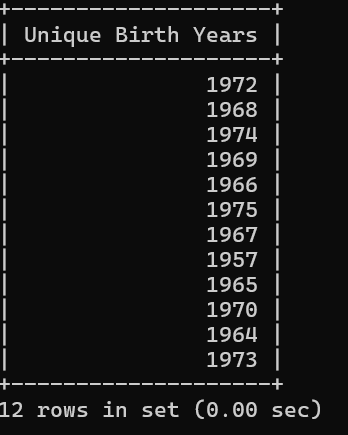


3.mysql> select e\_id from employee\_per where Month(birth\_date)=MONTH(CURRENT\_DATE);

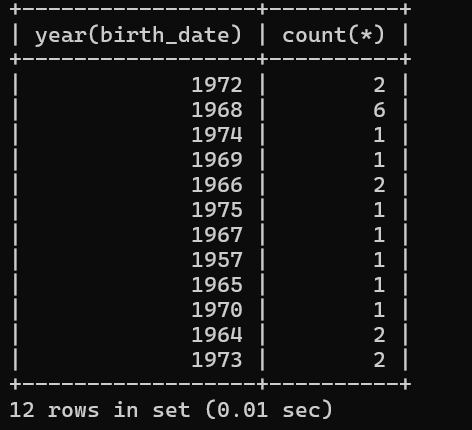


4. mysql> select DISTINCT year(birth\_date) as 'Unique Birth Years' from e

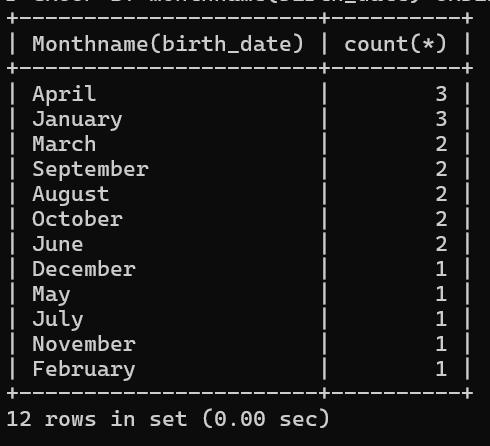
mployee\_per;



5.mysql> select DISTINCT year(birth\_date),count(\*) from employee\_per GROUP BY year(birth\_date);

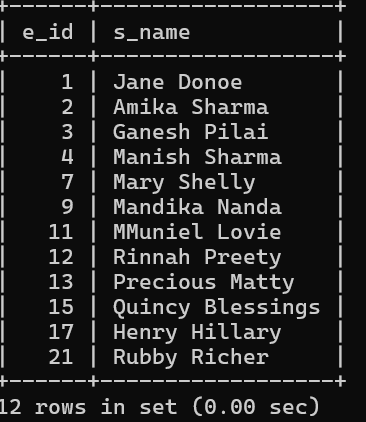


6.mysql> select DISTINCT Monthname(birth\_date),count(\*) from employee\_per GROUP BY monthname(birth\_date) ORDER BY count(\*) DESC;



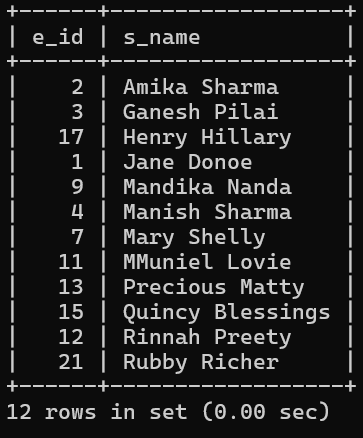
ASSIGNMENT17

1. mysql> select e\_id,s\_name from employee\_per where m\_status='Y';

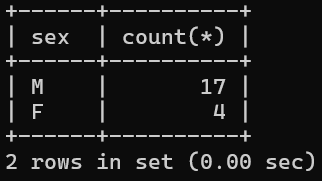


2. mysql> select e\_id,s\_name from employee\_per where m\_status='Y' ORDER BY

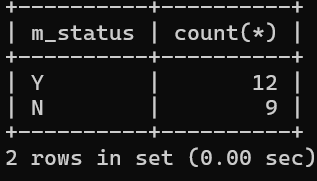
Y s\_name;



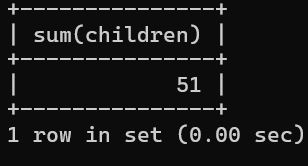
3.mysql> select sex,count(\*) from employee\_per GROUP BY sex;



4.mysql> select m\_status,count(\*) from employee\_per GROUP BY m\_status;



5.mysql> select sum(children) from employee\_per;



6.mysql> select DISTINCT children ,count(\*) from employee\_per GROUP BY children ORDER BY count(\*) DESC;

