MUHAMMAD-HAMMAD

LAB-9

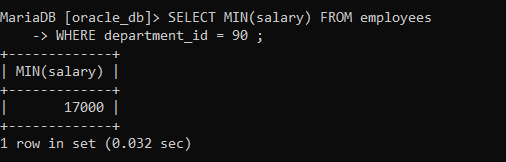
**:PRACTICE-TASK QUERIES:**

**QUERY:2**

Graphical user interface

Description automatically generated with medium confidence

**QUERY:3**

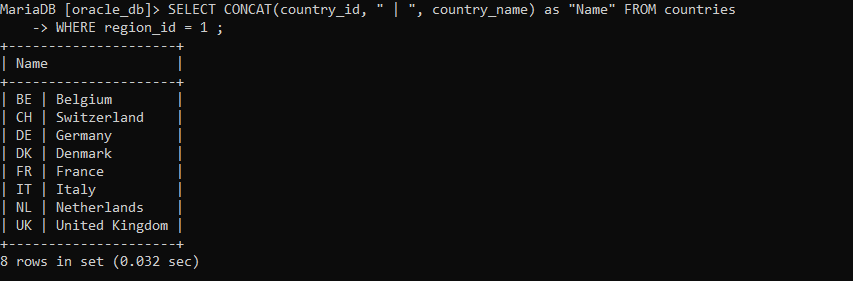


**QUERY:4**

A picture containing text

Description automatically generated

**QUERY:5**

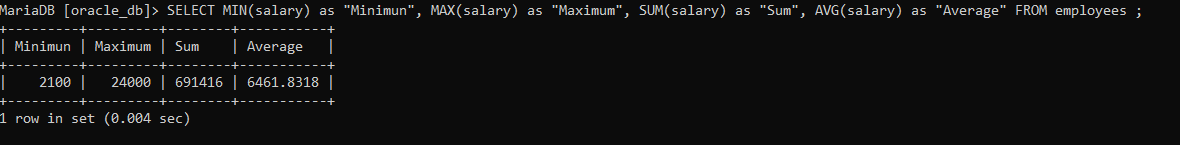


**QUERY:6**

Text

Description automatically generated

**QUERY:7**

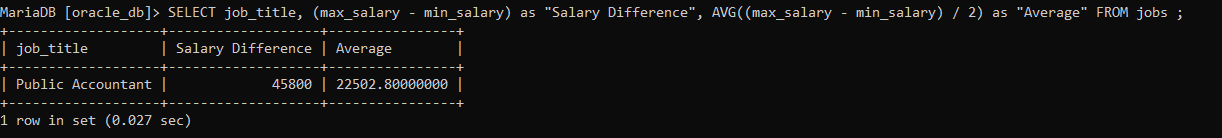


**QUERY:8**

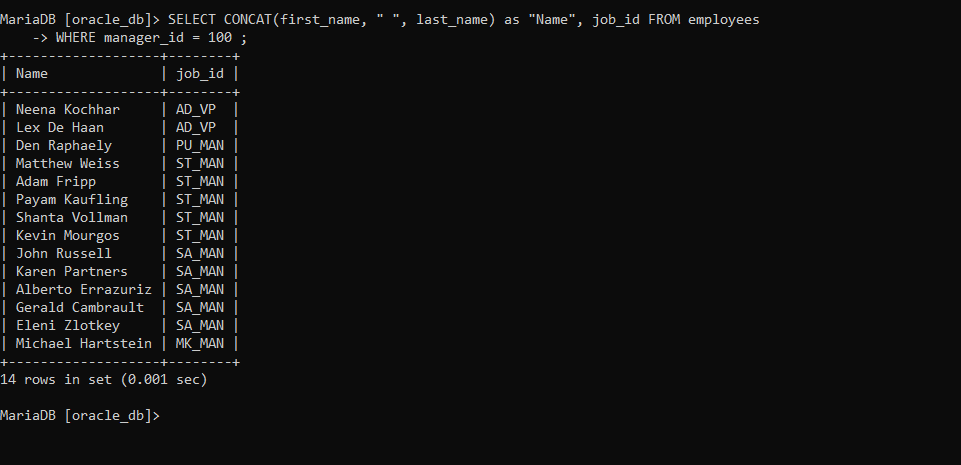
Text

Description automatically generated

**QUERY:9**



**QUERY:10**



S

----UNSEEN-TASK----

-- 1

CREATE DATABASE BCS213064 ;

USE BCS213064;

-- 2

CREATE TABLE tbl\_departments

(

department\_id INT(11) NOT NULL PRIMARY KEY,

department\_name VARCHAR(30) NOT NULL UNIQUE,

department\_manager VARCHAR(100) NOT NULL,

hod\_name VARCHAR(100) NOT NULL UNIQUE

) ;

-- 3

ALTER TABLE tbl\_departments

MODIFY hod\_name VARCHAR(255) NOT NULL UNIQUE ;

-- 4

ALTER TABLE tbl\_departments

DROP COLUMN department\_manager ;

-- 5

INSERT INTO tbl\_departments VALUES

(11, "BBA", "Karen"),

(22, "CS", "Lisa"),

(33, "SE", "Tyler") ;

-- 6

CREATE TABLE tbl\_students

(

student\_id INT(11) NOT NULL PRIMARY KEY,

student\_name VARCHAR(100) NOT NULL,

admission\_date Date NOT NULL,

department\_id INT(11) NOT NULL,

FOREIGN KEY (department\_id) REFERENCES tbl\_departments(department\_id)

) ;

-- 7

INSERT INTO tbl\_students(student\_id, student\_name, admission\_date, department\_id) VALUES

(10, "David", "2021-01-06", 22),

(11, "Luis", "2021-04-15", 22),

(12, "Den", "2022-04-10", 33),

(13, "Kevin", "2022-09-08", 11) ;

-- 8

DELETE FROM tbl\_students

WHERE student\_name = "Luis" ;

-- 9

UPDATE tbl\_students

SET department\_id = 22

WHERE student\_name = "Kevin" ;

-- 10

UPDATE tbl\_students

SET admission\_date = "2022-04-15"

WHERE student\_name = "Den" ;

-- 11

SELECT student\_name FROM tbl\_students

WHERE student\_name NOT LIKE "%d%" ;

-- 12

SELECT student\_name, admission\_date FROM tbl\_students

WHERE student\_id BETWEEN 11 AND 13 ;

-- 13

SELECT \* FROM tbl\_students

ORDER BY student\_name DESC ;

-- 14

SELECT \* FROM tbl\_students

WHERE (student\_name LIKE "d%") AND (admission\_date LIKE "2022%") ;

-- 15

SELECT student\_name FROM tbl\_students

WHERE admission\_date BETWEEN (admission\_date LIKE "\_\_\_\_-01-\_\_") AND (admission\_date LIKE "\_\_\_\_-06-\_\_") ;