QUERYING DATA

INSERT 10 ROWS INTO BOTH TABLES, AS GIVEN BELOW.

CREATE A TABLE NAMED **COUNTRY** WITH FIELDS: ID COUNTRY_NAME, POPULATION, AREA CREATE ANOTHER TABLE NAMED **PERSONS** WITH FIELDS: ID FNAME, LNAME, POPULATION, RATING, COUNTRY ID, COUNTRY NAME

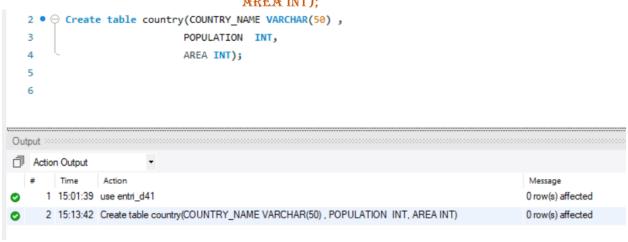
- (1)LIST THE DISTINCT COUNTRY NAMES FROM THE PERSONS TABLE
- (2)SELECT FIRST NAMES AND LAST NAMES FROM THE PERSONS TABLE WITH ALIASES.
- (3)FIND ALL PERSONS WITH A RATING GREATER THAN 4.0.
- (4) FIND COUNTRIES WITH A POPULATION GREATER THAN 10 LAKHS.
- (5) FIND PERSONS WHO ARE FROM 'USA' OR HAVE A RATING GREATER THAN 4.5.
- (6) FIND ALL PERSONS WHERE THE COUNTRY NAME IS NULL.
- (7) FIND ALL PERSONS FROM THE COUNTRIES 'USA', 'CANADA', AND 'UK'
- (8) FIND ALL PERSONS NOT FROM THE COUNTRIES 'INDIA' AND 'AUSTRALIA'.
- (9) FIND ALL COUNTRIES WITH A POPULATION BETWEEN 5 LAKHS AND 20 MILLION.
- (10)FIND ALL COUNTRIES WHOSE NAMES DO NOT START WITH 'C'.

USE ENTRI D41;



CREATE TABLE COUNTRY(COUNTRY_NAME VARCHAR(50), POPULATION INT.

AREA INT);



CREATE TABLE PERSONS(F_NAME VARCHAR(50),

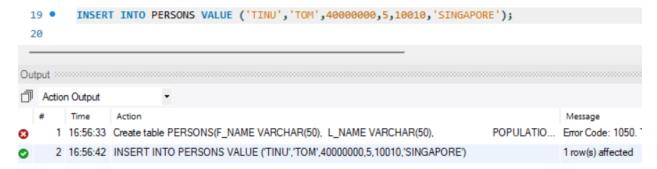
L_NAME VARCHAR(50), POPULATION INT, RATING INT,

COUNTRY ID INT,

COUNTRY NAME VARCHAR(50));

```
5 • ○ Create table PERSONS(F_NAME VARCHAR(50),
  6
                                L_NAME VARCHAR(50),
  7
                                POPULATION INT,
                                RATING INT,
  8
  9
                                COUNTRY ID INT,
                                COUNTRY_NAME VARCHAR(50));
 10
 11
Output
Action Output
       Time
                                                                                               Message
      1 15:43:34 Create table PERSONS(F_NAME VARCHAR(50), L_NAME VARCHAR(50),
                                                                                  POPULATIO... 0 row(s) affected
```

INSERT INTO PERSONS VALUE ('TINU', 'TOM', 40000000, 5, 10010, 'SINGAPORE');



INSERT INTO COUNTRY VALUES ('USA',6600000,4000),('ROME',200000,1000), ('TANZANIA',5000000,1500),('KENYA',3000000,1000);

Action Output

Action

1 16:33:33 INSERT INTO COUNTRY VALUES('USA', 6600000, 4000), ('ROME', 200000, 1000),

```
12 • INSERT INTO COUNTRY VALUES ('SINGAPORE', 40000000, 1000), ('INDONESIA', 100000000, 2500);

13 • INSERT INTO COUNTRY VALUES ('USA', 6600000, 4000), ('ROME', 2000000, 10000),

14 ('TANZANIA', 50000000, 1500), ('KENYA', 30000000, 10000);

15

16

17

18

19

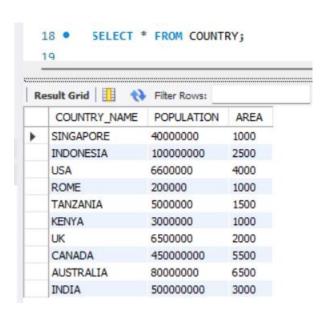
Output
```

Message

(TA... 4 row(s) affected Records: 4 Duplicates: 0 Warnings: 0

INSERT INTO COUNTRY VALUES ('UK',6500000,2000),('CANADA',450000000,5500), ('AUSTRALIA',80000000,6500),('INDIA',500000000,3000);

```
INSERT INTO COUNTRY VALUES ('UK',6500000,2000),('CANADA',450000000,5500),
  16 •
                                       ('AUSTRALIA',80000000,6500),('INDIA',500000000,3000);
  17
  18
  19
  20
  21
Output
Action Output
        Time
                 Action
                                                                                                        Message
      1 16:33:33 INSERT INTO COUNTRY VALUES('USA',6600000,4000),('ROME',200000,1000),
                                                                                                (TA... 4 row(s) affected Records: 4 Duplicates: 0 Warnings: 0
      2 16:44:09 INSERT INTO COUNTRY VALUES("UK", 6500000, 2000), ("CANADA", 450000000, 5500),
                                                                                                       4 row(s) affected Records: 4 Duplicates: 0 Warnings: 0
```



```
INSERT INTO PERSONS VALUES('KANNAN','RAVI',6600000,6,10001,'USA'),

('MANJU','NATH', 6600000,3,10001,"),

('SUKANYA','SURESH', 6500000,7,10002,'UK'),

('ANDREW','THOMPSON', 450000000,8,10003,'CANADA'),

('ANIL','CHOUDHARY', 50000000,4,10005,'INDIA'),

('SIMILY','MATHEW', 80000000,6,10004,'AUSTRALIA'),

('ABDUL','SALAM', 5000000,3,10225,'TANZANIA'),

('ROBERT','MOGAMBE', 5000000,4,10225,'TANZANIA'),

('SUKVINDER','SINGH', 6500000,6,10002,'UK');
```

```
21 ● INSERT INTO PERSONS VALUES('KANNAN', 'RAVI', 6600000, 6, 10001, 'USA'),

22 ('MANJU', 'NATH', 6600000, 3, 10001, ''),

23 ('SUKANYA', 'SURESH', 6500000, 7, 10002, 'UK'),

24 ('ANDREW', 'THOMPSON', 450000000, 8, 10003, 'CANADA'),

25 ('ANIL', 'CHOUDHARY', 50000000, 4, 10005, 'INDIA'),

26 ('SIMILY', 'MATHEW', 80000000, 6, 10004, 'AUSTRALIA'),

27 ('ABDUL', 'SALAM', 5000000, 3, 10225, 'TANZANIA'),

28 ('ROBERT', 'MOGAMBE', 5000000, 4, 10225, 'TANZANIA'),

29 ('SUKVINDER', 'SINGH', 6500000, 6, 10002, 'UK');

30

Output

# Time Action

# Time Action

1 17:40:40 INSERT INTO PERSONS VALUES(KANNAN', RAVI', 6600000, 6, 10001, 'USA'), (MANJU', NATH', 660.... 9 row(s) affected Records: 9 Duplicates: 0 Warnings: 0
```

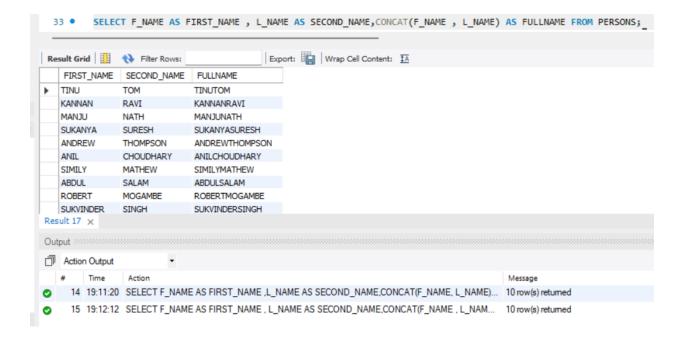
(1)LIST THE DISTINCT COUNTRY NAMES FROM THE PERSONS TABLE

SELECT DISTINCT COUNTRY_NAME FROM PERSONS;



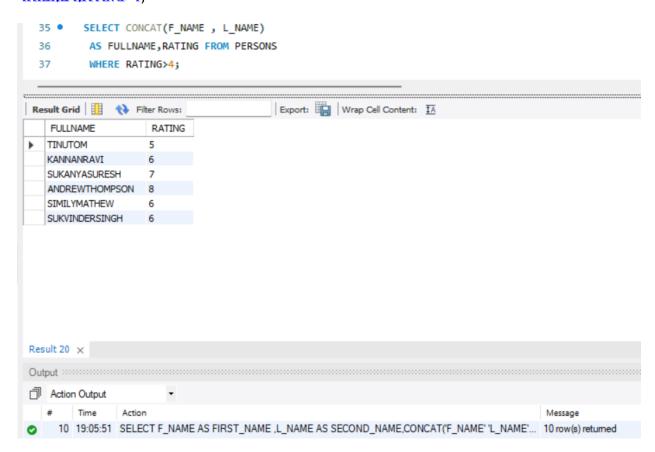
(2) SELECT FIRST NAMES AND LAST NAMES FROM THE PERSONS TABLE WITH ALIASES.

SELECT F_NAME AS FIRST_NAME, L_NAME AS SECOND_NAME, CONCAT(F_NAME, L_NAME) AS FULLNAME FROM PERSONS;



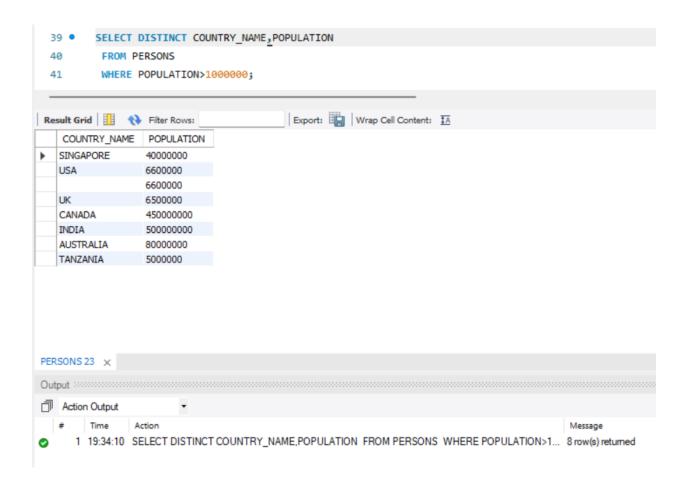
(3) FIND ALL PERSONS WITH A RATING GREATER THAN 4.0.

SELECT CONCAT(F_NAME, L_NAME) AS FULLNAME, RATING FROM PERSONS WHERE RATING>4;



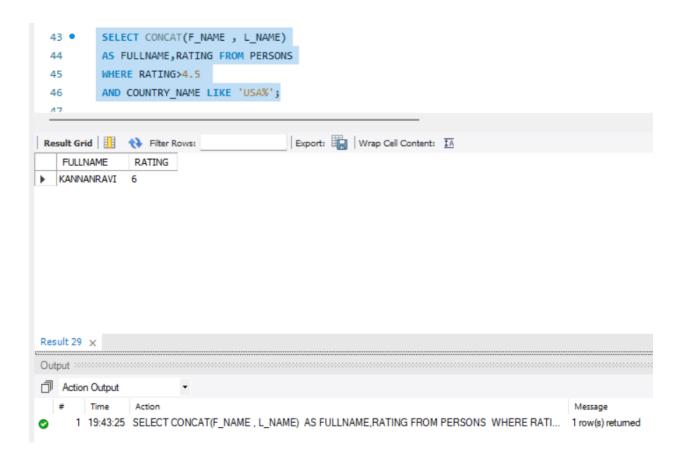
(4)FIND COUNTRIES WITH A POPULATION GREATER THAN 10 LAKHS.

SELECT DISTINCT COUNTRY_NAME,POPULATION FROM PERSONS
WHERE POPULATION>1000000;



(5)FIND PERSONS WHO ARE FROM 'USA' OR HAVE A RATING GREATER THAN 4.5.

SELECT CONCAT(F_NAME, L_NAME)
AS FULLNAME, RATING FROM PERSONS
WHERE RATING>4.5
AND COUNTRY_NAME LIKE 'USA%';



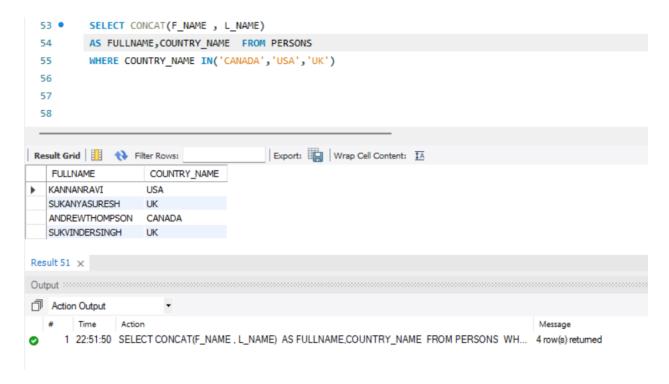
(6) FIND ALL PERSONS WHERE THE COUNTRY NAME IS NULL.

SELECT CONCAT(F_NAME, L_NAME)
AS FULLNAME FROM PERSONS
WHERE COUNTRY_NAME =";

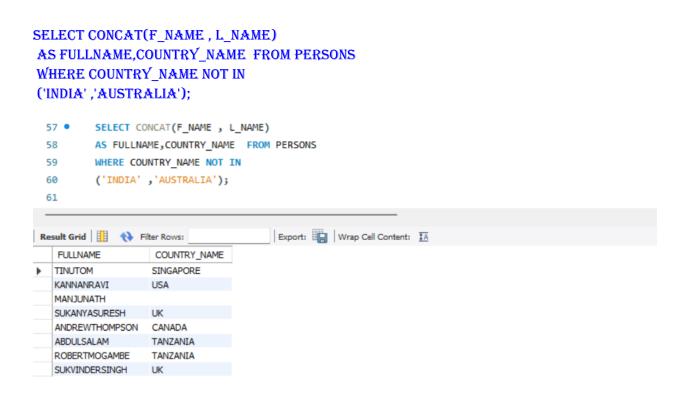


(7) FIND ALL PERSONS FROM THE COUNTRIES 'USA', 'CANADA', AND 'UK'

AS FULLNAME, COUNTRY_NAME FROM PERSONS WHERE COUNTRY_NAME IN ('CANADA', 'USA', 'UK')



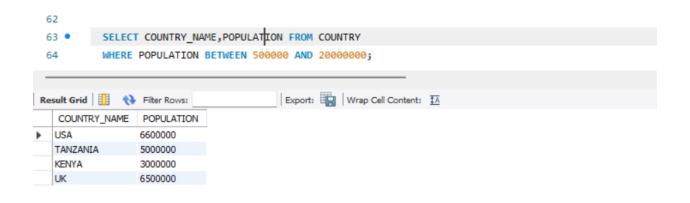
(8)FIND ALL PERSONS NOT FROM THE COUNTRIES 'INDIA' AND 'AUSTRALIA'.





(9) FIND ALL COUNTRIES WITH A POPULATION BETWEEN 5 LAKHS AND 20 MILLION

SELECT COUNTRY_NAME, POPULATION FROM COUNTRY WHERE POPULATION BETWEEN 500000 AND 20000000;





(10) FIND ALL COUNTRIES WHOSE NAMES DO NOT START WITH 'C'.

SELECT COUNTRY_NAME FROM COUNTRY WHERE COUNTRY_NAME NOT LIKE 'C%';

