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COLLEGE: **Netaji**

Subhash

Engineering College

STUDENT ID: **AF0453862**

Solution:

```
CREATE DATABASE custdetailsDB;
```

```
USE custdetailsDB;
```

```
-- Create the custdetails table
```

```
CREATE TABLE custdetails (
```

```
    custid INT PRIMARY KEY,
```

```
    custname VARCHAR(50),
```

```
    city VARCHAR(50),
```

```
    postalcode VARCHAR(20),
```

```
    country VARCHAR(50)
```

```
);
```

```
-- Insert the records
```

```
INSERT INTO custdetails (custid, custname, city, postalcode, country)
```

```
VALUES
```

```
    (1, 'alfred', 'berlin', '12209', 'Germany'),
```

```
    (2, 'ana', 'mexico', '05021', 'mexico'),
```

```
    (3, 'antanio', 'mexico', '05023', 'mexico'),
```

```
    (4, 'harry', 'london', 'WA11DP', 'UK'),
```

```
    (5, 'sierra', 'lulea', 'S95822', 'sweden');
```

```
-- Query 1: Print all records of customers from country Mexico
```

```
SELECT *
```

```
FROM custdetails
```

```
WHERE country = 'mexico';
```

```
-- Query 2: Print all records of customers in ascending order of countries
```

```
SELECT *
```

```
FROM custdetails
```

```
ORDER BY country ASC;
```

-- Query 3: Print count of records for customers from country Mexico (use GROUP BY and HAVING)

```
SELECT country, COUNT(*) AS count
```

```
FROM custdetails
```

```
GROUP BY country
```

```
HAVING country = 'mexico';
```

-- Query 4: Print all records in descending order having more than 1 entry from the same country

```
SELECT *
```

```
FROM custdetails
```

```
WHERE country IN (
```

```
    SELECT country
```

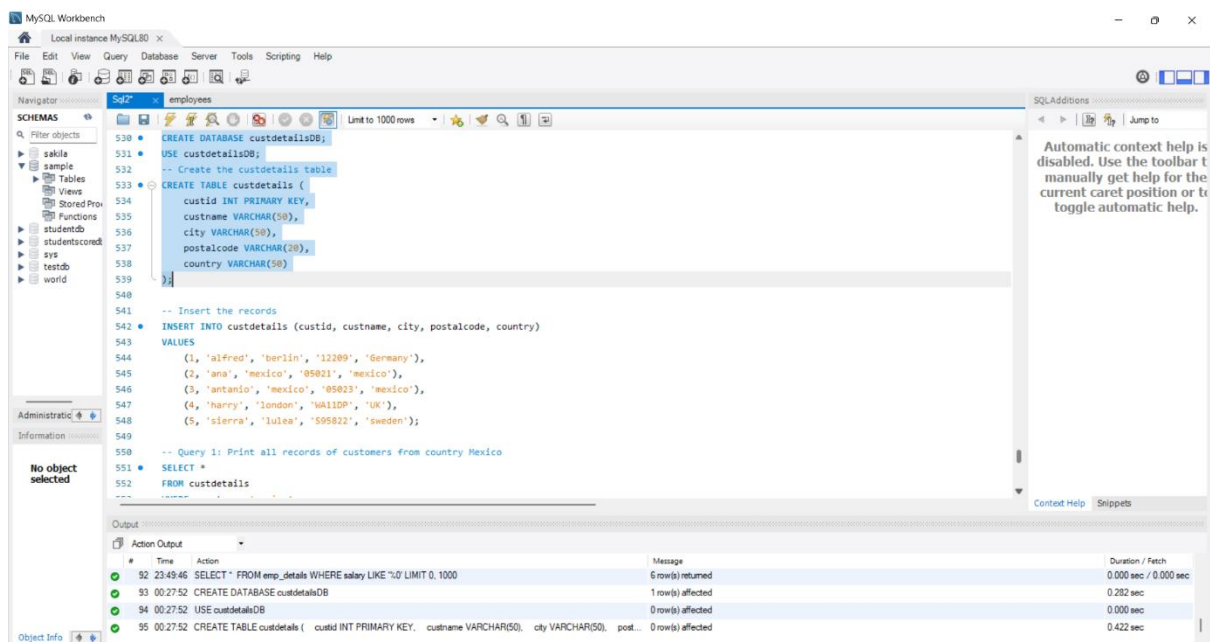
```
    FROM custdetails
```

```
    GROUP BY country
```

```
    HAVING COUNT(*) > 1
```

```
)
```

```
ORDER BY country DESC;
```



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Information

No object selected

Object Info

employees

Limit to 1000 rows

```

539 --
540 --
541 -- Insert the records
542 INSERT INTO custdetails (custid, custname, city, postcode, country)
543 VALUES
544 (1, 'alfred', 'berlin', '12209', 'Germany'),
545 (2, 'ana', 'mexico', '05021', 'mexico'),
546 (3, 'antonio', 'mexico', '05023', 'mexico'),
547 (4, 'harry', 'london', 'W111DP', 'UK'),
548 (5, 'sierra', 'lulea', 'S95822', 'sweden');
549
550 -- Query 1: Print all records of customers from country Mexico
551 SELECT *
552 FROM custdetails
553 WHERE country = 'mexico';
554
555 -- Query 2: Print all records of customers in ascending order of countries
556 SELECT *
557 FROM custdetails
558 ORDER BY country ASC;
559
560 -- Query 3: Print count of records for customers from country Mexico (use GROUP BY and HAVING)
561 SELECT country, COUNT(*) AS count
562 FROM custdetails
563 GROUP BY country
564 HAVING count > 1;

```

Output

Action Output

#	Time	Action	Message	Duration / Fetch
93	00:27:52	CREATE DATABASE custdetailsDB	1 row(s) affected	0.282 sec
94	00:27:52	USE custdetailsDB	0 row(s) affected	0.000 sec
95	00:27:52	CREATE TABLE custdetails (custid INT PRIMARY KEY, custname VARCHAR(50), city VARCHAR(50), post...	0 row(s) affected	0.422 sec
96	00:28:37	INSERT INTO custdetails (custid, custname, city, postcode, country) VALUES (1, 'alfred', 'berlin', '12209', 'Germany'...	5 row(s) affected Records: 5 Duplicates: 0 Warnings: 0	0.156 sec

SQLAdditions

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

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employees

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541 -- Insert the records
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547 (4, 'harry', 'london', 'W111DP', 'UK'),
548 (5, 'sierra', 'lulea', 'S95822', 'sweden');
549
550 -- Query 1: Print all records of customers from country Mexico
551 SELECT *
552 FROM custdetails
553 WHERE country = 'mexico';
554
555 -- Query 2: Print all records of customers in ascending order of countries

```

Result Grid

custid	custname	city	postcode	country
2	ana	mexico	05021	mexico
3	antonio	mexico	05023	mexico

Output

Action Output

#	Time	Action	Message	Duration / Fetch
94	00:27:52	USE custdetailsDB	0 row(s) affected	0.000 sec
95	00:27:52	CREATE TABLE custdetails (custid INT PRIMARY KEY, custname VARCHAR(50), city VARCHAR(50), post...	0 row(s) affected	0.422 sec
96	00:28:37	INSERT INTO custdetails (custid, custname, city, postcode, country) VALUES (1, 'alfred', 'berlin', '12209', 'Germany'...	5 row(s) affected Records: 5 Duplicates: 0 Warnings: 0	0.156 sec
97	00:28:55	SELECT * FROM custdetails WHERE country = 'mexico' LIMIT 0, 1000	2 row(s) returned	0.000 sec / 0.000 sec

SQLAdditions

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SQL Editor

employees

Limit to 1000 rows

-- Query 2: Print all records of customers in ascending order of countries

```
554
555
556 SELECT *
557 FROM custdetails
558 ORDER BY country ASC;
```

-- Query 3: Print count of records for customers from country Mexico (use GROUP BY and HAVING)

```
560
561 SELECT country, COUNT(*) AS count
562 FROM custdetails
563 GROUP BY country
564 HAVING country = 'mexico';
```

-- Query 4: Print all records in descending order having more than 1 entry from the same country

```
566
567 SELECT *
568 FROM custdetails
```

Result Grid

custid	custname	city	postalcode	country
1	alfred	berlin	12209	Germany
2	ana	mexico	05021	mexico
3	antonio	mexico	05023	mexico
5	sierra	lulea	995822	sweden
4	harry	london	WA12DP	UK

Information

No object selected

Object Info

SQLAdditions

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Output

#	Time	Action	Message	Duration / Fetch
95	00:27:52	CREATE TABLE custdetails (custid INT PRIMARY KEY, custname VARCHAR(50), city VARCHAR(50), post...	5 row(s) affected Records: 5 Duplicates: 0 Warnings: 0	0.422 sec
96	00:28:37	INSERT INTO custdetails (custid, custname, city, postalcode, country) VALUES (1, 'alfred', 'berlin', '12209', 'Germany'...	2 row(s) returned	0.000 sec / 0.000 sec
97	00:28:55	SELECT * FROM custdetails WHERE country = 'mexico' LIMIT 0, 1000	5 row(s) returned	0.047 sec / 0.000 sec
98	00:29:22	SELECT * FROM custdetails ORDER BY country ASC LIMIT 0, 1000	5 row(s) returned	0.047 sec / 0.000 sec

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SQL Editor

employees

Limit to 1000 rows

-- Query 2: Print all records of customers in ascending order of countries

```
554
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556 SELECT *
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558 ORDER BY country ASC;
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-- Query 3: Print count of records for customers from country Mexico (use GROUP BY and HAVING)

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560
561 SELECT country, COUNT(*) AS count
562 FROM custdetails
563 GROUP BY country
564 HAVING country = 'mexico';
```

-- Query 4: Print all records in descending order having more than 1 entry from the same country

```
566
567 SELECT *
568 FROM custdetails
```

Result Grid

country	count
mexico	2

Information

No object selected

Object Info

SQLAdditions

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Output

#	Time	Action	Message	Duration / Fetch
96	00:28:37	INSERT INTO custdetails (custid, custname, city, postalcode, country) VALUES (1, 'alfred', 'berlin', '12209', 'Germany'...	2 row(s) affected Records: 5 Duplicates: 0 Warnings: 0	0.156 sec
97	00:28:55	SELECT * FROM custdetails WHERE country = 'mexico' LIMIT 0, 1000	2 row(s) returned	0.000 sec / 0.000 sec
98	00:29:22	SELECT * FROM custdetails ORDER BY country ASC LIMIT 0, 1000	5 row(s) returned	0.047 sec / 0.000 sec
99	00:29:33	SELECT country, COUNT(*) AS count FROM custdetails GROUP BY country HAVING country = 'mexico' LIMIT 0, 1000	1 row(s) returned	0.047 sec / 0.000 sec

MySQL Workbench

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- testdb
- world

-- Query 4: Print all records in descending order having more than 1 entry from the same country

```
566 SELECT *
567 FROM custdetails
568 WHERE country IN (
569 SELECT country
570 FROM custdetails
571 GROUP BY country
572 HAVING COUNT(*) > 1
573 )
574
575 ORDER BY country DESC;
```

Result Grid

	custid	custname	city	postalcode	country
2	ana	mexico	05021	mexico	
3	antonio	mexico	05023	mexico	

No object selected

Output

#	Time	Action	Message	Duration / Fetch
97	00:28:55	SELECT * FROM custdetails WHERE country = 'mexico' LIMIT 0, 1000	2 row(s) returned	0.000 sec / 0.000 sec
98	00:29:22	SELECT * FROM custdetails ORDER BY country ASC LIMIT 0, 1000	5 row(s) returned	0.047 sec / 0.000 sec
99	00:29:33	SELECT country, COUNT(*) AS count FROM custdetails GROUP BY country HAVING country = 'mexico' LIMIT 0, 1000	1 row(s) returned	0.047 sec / 0.000 sec
100	00:30:05	SELECT * FROM custdetails WHERE country IN (SELECT country FROM custdetails GROUP BY country H...	2 row(s) returned	0.063 sec / 0.000 sec

SQLAdditions

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Apply Context Help Snippets

Object Info