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CHN18CS005

S5C-03

EXP.9

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Question

Expt9::Order by and Group by clause

- 1.Create table employee with fields Code , name , dob , designation , salary .
- 2.Display code, name, and designation in descending order of the name.
- 3.Create table deposit with fields baccno , branch_name , amount .
- 4.Give branch name and details of the deposit table.

code

#1

```
CREATE TABLE Employee(  
    code CHAR(4) PRIMARY KEY,  
    name VARCHAR(60),  
    dob DATE,  
    designation VARCHAR(80),  
    salary FLOAT  
);
```

```
INSERT INTO Employee(code, name, dob, designation, salary)  
VALUES  
( 'ar69','Aravind R','2000-02-02','CTO',190000.78),  
( 'ku12','Kiran U','2000-01-12','CEO',185000.78),  
( 'sv13','V Sam','1998-08-02','Clerk',59000.78),  
( 'ask1','A Siraj','1969-04-20','Auditor',59000.18);
```

#2

```
SELECT * FROM Employee ORDER BY name DESC;
```

#3

```
CREATE TABLE Deposit(  
    baccno BIGINT,  
    branch_name VARCHAR(60),  
    amount FLOAT  
);
```

```
INSERT INTO Deposit(baccno, branch_name, amount)  
VALUES  
(1990001,'palakkad',290000.25),  
(1990002,'palakkad',291233.22),  
(1990003,'karunagapally',123570.1),  
(1990004,'palakkad',2239083.78),  
(1990005,'alapuzha',100090.90);
```

#4

```
SELECT branch_name,COUNT(baccno),SUM(amount) FROM Deposit GROUP BY branch_name;
```

Output

```
MySQL 8.0 Command Line Client
mysql> CREATE TABLE Employee(
->   code CHAR(4) PRIMARY KEY,
->   name VARCHAR(60),
->   dob DATE,
->   designation VARCHAR(80),
->   salary FLOAT
-> );
Query OK, 0 rows affected (0.04 sec)

mysql>
mysql> INSERT INTO Employee(code, name, dob, designation, salary)
-> VALUES
-> ('ar69','Aravind R','2000-02-02','CTO',190000.78),
-> ('ku12','Kiran U','2000-01-12','CEO',185000.78),
-> ('sv13','V Sam','1998-08-02','Clerk',59000.78),
-> ('ask1','A Siraj','1969-04-20','Auditor',59000.18);
Query OK, 4 rows affected (0.01 sec)
Records: 4  Duplicates: 0  Warnings: 0

mysql>
mysql> SELECT * FROM Employee ORDER BY name DESC;
+-----+-----+-----+-----+-----+
| code | name      | dob      | designation | salary |
+-----+-----+-----+-----+-----+
| sv13 | V Sam     | 1998-08-02 | Clerk       | 59000.8 |
| ku12 | Kiran U   | 2000-01-12 | CEO         | 185001  |
| ar69 | Aravind R | 2000-02-02 | CTO         | 190001  |
| ask1 | A Siraj   | 1969-04-20 | Auditor     | 59000.2 |
+-----+-----+-----+-----+-----+
4 rows in set (0.00 sec)

mysql>
mysql> CREATE TABLE Deposit(
->   baccno BIGINT,
->   branch_name VARCHAR(60),
->   amount FLOAT
-> );
Query OK, 0 rows affected (0.04 sec)

mysql>
mysql> INSERT INTO Deposit(baccno, branch_name, amount)
```

```
MySQL 8.0 Command Line Client
+-----+-----+-----+-----+-----+
| code | name      | dob      | designation | salary |
+-----+-----+-----+-----+-----+
| sv13 | V Sam     | 1998-08-02 | Clerk       | 59000.8 |
| ku12 | Kiran U   | 2000-01-12 | CEO         | 185001  |
| ar69 | Aravind R | 2000-02-02 | CTO         | 190001  |
| ask1 | A Siraj   | 1969-04-20 | Auditor     | 59000.2 |
+-----+-----+-----+-----+-----+
4 rows in set (0.00 sec)

mysql>
mysql> CREATE TABLE Deposit(
->   baccno BIGINT,
->   branch_name VARCHAR(60),
->   amount FLOAT
-> );
Query OK, 0 rows affected (0.04 sec)

mysql>
mysql> INSERT INTO Deposit(baccno, branch_name, amount)
-> VALUES
-> (1990001,'palakkad',290000.25),
-> (1990002,'palakkad',291233.22),
-> (1990003,'karunagapally',123570.1),
-> (1990004,'palakkad',2239083.78),
-> (1990005,'alapuzha',100090.90);
Query OK, 5 rows affected (0.01 sec)
Records: 5  Duplicates: 0  Warnings: 0

mysql>
mysql> SELECT branch_name,COUNT(baccno),SUM(amount) FROM Deposit GROUP BY branch_name;
+-----+-----+-----+
| branch_name | COUNT(baccno) | SUM(amount) |
+-----+-----+-----+
| palakkad    | 3             | 2820317.21875 |
| karunagapally | 1           | 123570.1015625 |
| alapuzha    | 1             | 100090.8984375 |
+-----+-----+-----+
3 rows in set (0.00 sec)

mysql> _
```