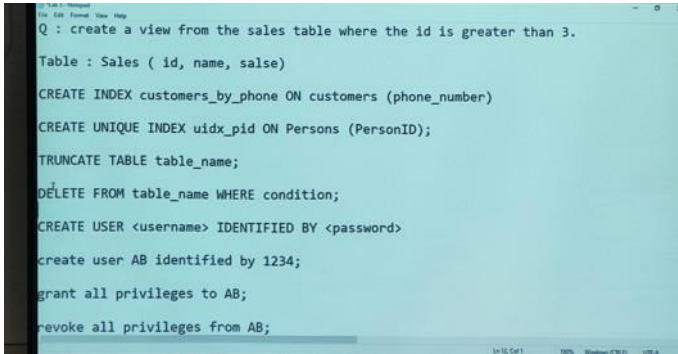


LAB 5

Friday, September 13, 2024 11:12 AM



Here's the breakdown of each step with individual SQL code for creating the Sales table, adding constraints, and inserting values:

1. Create the Sales table:

```
sql  
Copy code  
CREATE TABLE Sales (id INT PRIMARY KEY, name VARCHAR(50) NOT NULL, salse DECIMAL(10, 2)CHECK (salse >= 0));
```

2. Insert the first row into the Sales table:

```
sql  
Copy code  
INSERT INTO Sales (id, name, salse) VALUES (1, 'Product A', 100.00);
```

3. Insert the second row into the Sales table:

```
sql  
Copy code  
INSERT INTO Sales (id, name, salse) VALUES (2, 'Product B', 200.50);
```

4. Insert the third row into the Sales table:

```
sql  
Copy code  
INSERT INTO Sales (id, name, salse) VALUES (3, 'Product C', 300.75);
```

5. Insert the fourth row into the Sales table:

```
sql  
Copy code  
INSERT INTO Sales (id, name, salse) VALUES (4, 'Product D', 150.00);
```

6. Insert the fifth row into the Sales table:

```
sql  
Copy code  
INSERT INTO Sales (id, name, salse) VALUES (5, 'Product E', 250.25);
```

To create a view from the Sales table where the id is greater than 3, based on the prompt in the image, here is the SQL code:

sql

Copy code

```
CREATE VIEW Sales_View AS SELECT * FROM Sales WHERE id > 3;  
This SQL statement will create a view called Sales_View which contains all the records from the Sales table where the id is greater than 3.
```

If you need further assistance with other queries or SQL commands from the image, feel free to ask!

4o

You said:

give code form start from table creation in individual line

ChatGPT said:

ChatGPT

Here's the complete SQL code starting from table creation, followed by creating a view, along with other SQL statements from the image:

1. Create the Sales table:

sql

Copy code

```
CREATE TABLE Sales ( id INT,name VARCHAR(50), salse DECIMAL(10, 2));
```

2. Create a view from the Sales table where the id is greater than 3:

sql

Copy code

```
CREATE VIEW Sales_View AS SELECT * FROM Sales WHERE id > 3;
```

3. Create an index on customers' phone numbers:

sql

Copy code

```
CREATE INDEX customers_by_phone ON customers (phone_number);
```

4. Create a unique index on PersonID in the Persons table:

sql

Copy code

```
CREATE UNIQUE INDEX uidx_pid ON Persons (PersonID);
```

5. Truncate a table:

sql

Copy code

```
TRUNCATE TABLE table_name;
```

6. Delete specific rows from a table:

sql

Copy code

```
DELETE FROM table_name  
WHERE condition;
```

7. Create a user:

sql

Copy code

```
CREATE USER <username>  
IDENTIFIED BY <password>;  
Example:
```

sql

Copy code

```
CREATE USER AB  
IDENTIFIED BY '1234';
```

8. Grant all privileges to the user:

sql

Copy code

```
GRANT ALL PRIVILEGES TO AB;
```

9. Revoke all privileges from the user:

sql

Copy code

```
REVOKE ALL PRIVILEGES FROM AB;
```