1) How many tables have been created using the CREATE TABLE statement ?

10 tables

2. How many columns are created for the price history table?

6 columns

3. What statement is used to enforce the constraint that the category column of the items table must have a value ?

NOT NULL

4. What is the name of the foreign key constraint between the customers and customer_addresses tables?

ctr_number

5. What are the lowest and highest values that can be stored in the comission_rate column for the sales_representatives table?

lowest = -99
highest = 99

6. What are the lowest and highest values that can be stored in the price_column for the price_history table?

lowest = -99999.99
highest = 99999.99

7. What are the 3 columns that make up the primary key for the price_history table?

itm_table, start_date, start_time

modifying a column

1) Run the DESCRIBE command on the orders table to view its structure.

```
DESCRIBE orders;
```

2) Task : add a check constraint that will not allow the customers current balance to go below zero.

```
ALTER TABLE orders
MODIFY odr_date DATE DEFAULT SYSDATE NOT NULL;
```

3) Run the DESCRIBE command again to verify the command was successful.

```
DESCRIBE orders;
```

Adding a check constraint

1) Run the DESCRIBE command on the customers table to view its structure.

```
DESCRIBE customers;
```

2) Task : Add a check constraint that will not allow the customers current balance to go below zero.

```
ALTER TABLE customers
ADD CONSTRAINT chk_balance_non_negative CHECK (current_balance >= 0);
```

3. Run the DESCRIBE command again to verify the command was successful.

```
DESCRIBE customer;
```

Adding a column

1) Run the DESCRIBE command on the customers table to view its structure.

```
DESCRIBE customers;
```

2) Task: Add a column that will satisfy the client requirements

```
ALTER TABLE customers
ADD mobile_phone VARCHARS(11);
```

3) Run the DESCRIBE command on the customers table to view its structure

```
DESCRIBE customers;
```

Dropping a column

1) Run a DESCRIBE command on the Customer table to view its structure.

```
DESCRIBE customers;
```

2) Task: Drop the column that was created to store the mobile phone number.

```
ALTER TABLE customers
DROP COLUMN mobile_phone;
```

3) Run a DESCRIBE command on the Customer table to view its structure.

```
DESCRIBE customers;
```