1. Create a database named : retail
2. Get into the database (hint: use)
3. Create a **product** table with the following columns and load 10 unique products. Keep the product ID as **primary key**
   1. Product\_id
   2. Product\_name
   3. Quantity
   4. Amount
   5. Category
4. Create a **Customer** table with the following detals, Keep the cust\_id as a **primary** **key** column and keep the mobile as **unique** columns. Please load 10 unique records
   1. Cust\_id
   2. First\_name
   3. Last\_name
   4. City
   5. Country
   6. Mobile
5. Create a **transaction** table with the following columns and make an entry with 10 transactions. Keep the trans\_id as **primary** **key** and product\_id as **foreign** **key** that refers the product\_id in product table and cust\_id as **foreign key** that refers that cust\_id in customer table. Keep 10 transaction records in it
   1. trans\_id
   2. product\_id
   3. cust\_id
   4. Product\_count
   5. Amount
   6. Paid\_by

( Try inserting a record with different product\_id which is not present in product table)

(Try inserting a record with different cust\_id which is not present in customer table)

1. Create a table:**test\_table** and try testing each constraints
   1. Cust\_id (primary key)
   2. Cust\_name (not null)
   3. Mobile (unique)
   4. Age (check : age should be greater than 0 and less than 100)
   5. City (default: Bangalore)

(INSERT INTO test\_table(cust\_id,cust\_name,mobile,age) VALUES());

(try inserting duplicate cust\_id)

(try to inset NULL cust\_name)

(try loading duplicate mobile number)

(try inserting age with 0 and with 101)

(Now try inserting valid 10 records)

1. Describe all 4 tables created
2. Get the create table statement for all 4 tables
3. Select all the records from all 4 tables