Name- Aryan Sharma

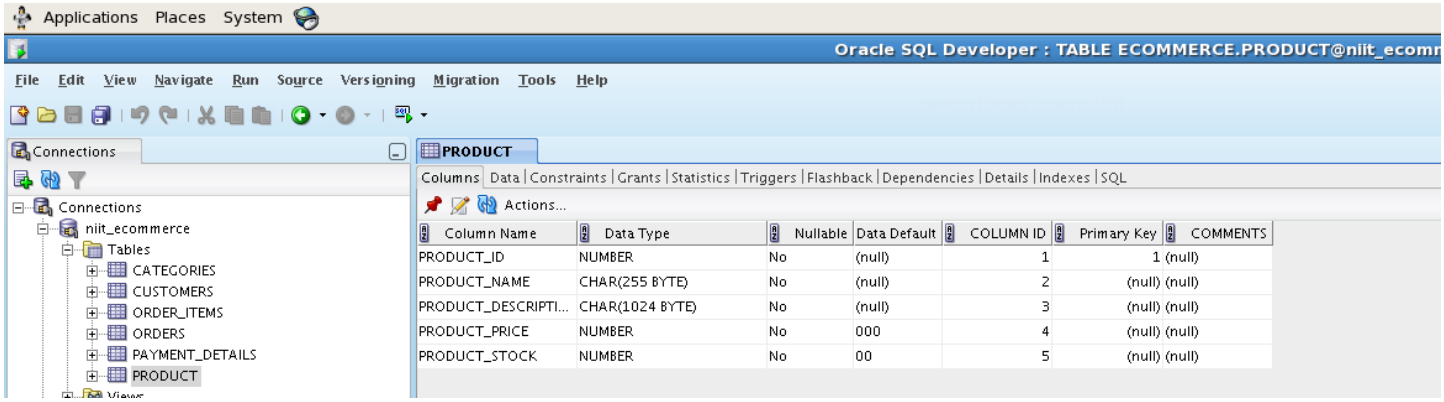
Enrollment no – BT21GCS161

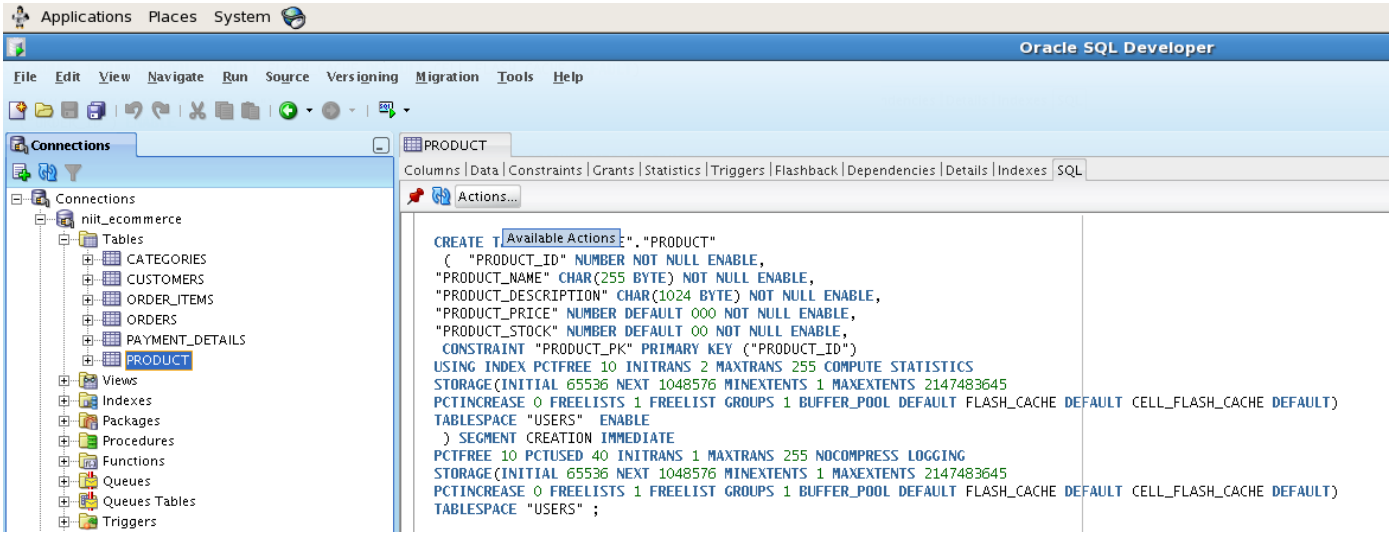
Dimensional and NoSQL Databases

Assignment – 02(II)

Question – Populate Schema in Oracle Instance e-commerce

Table: Product





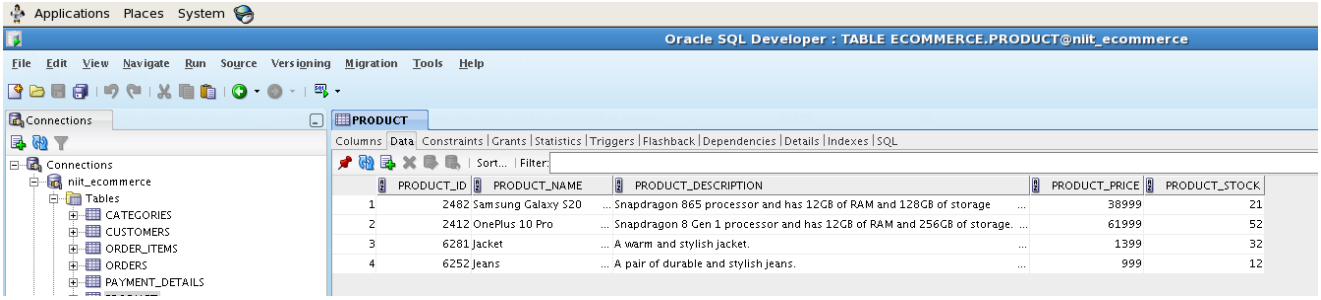
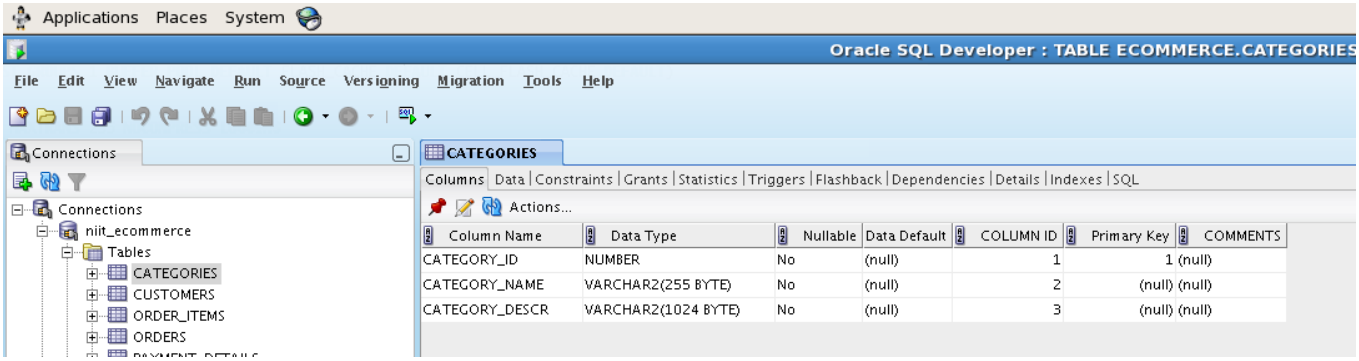
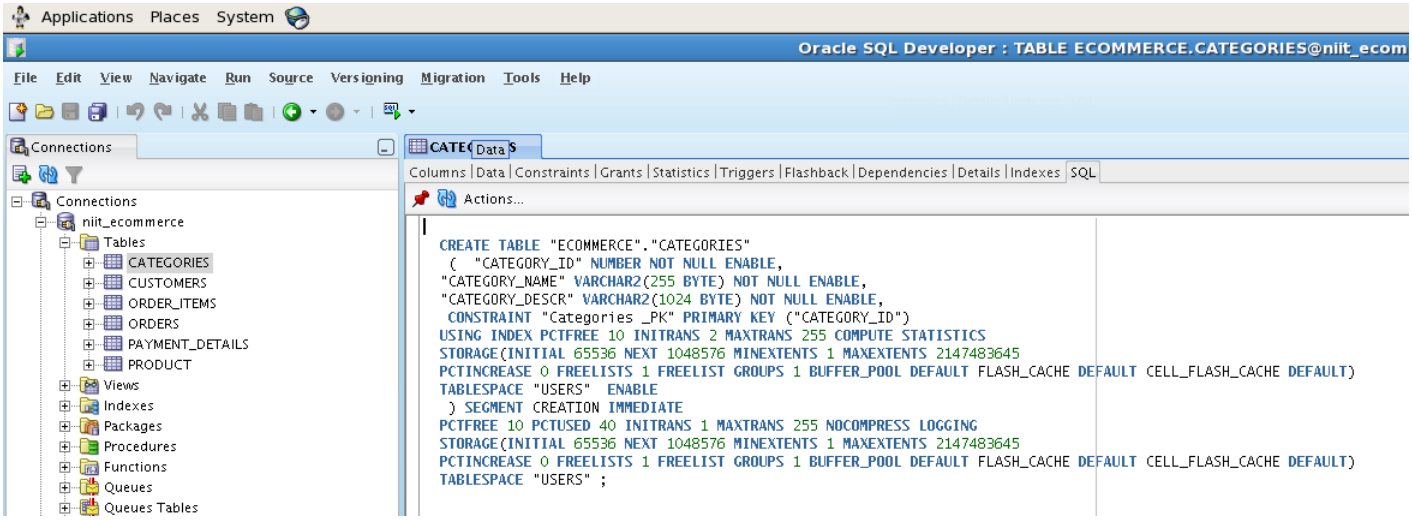


Table: Categories





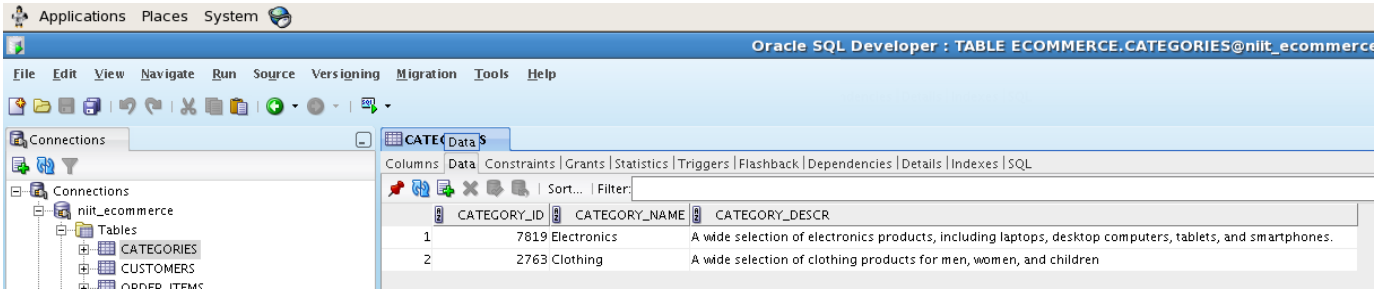
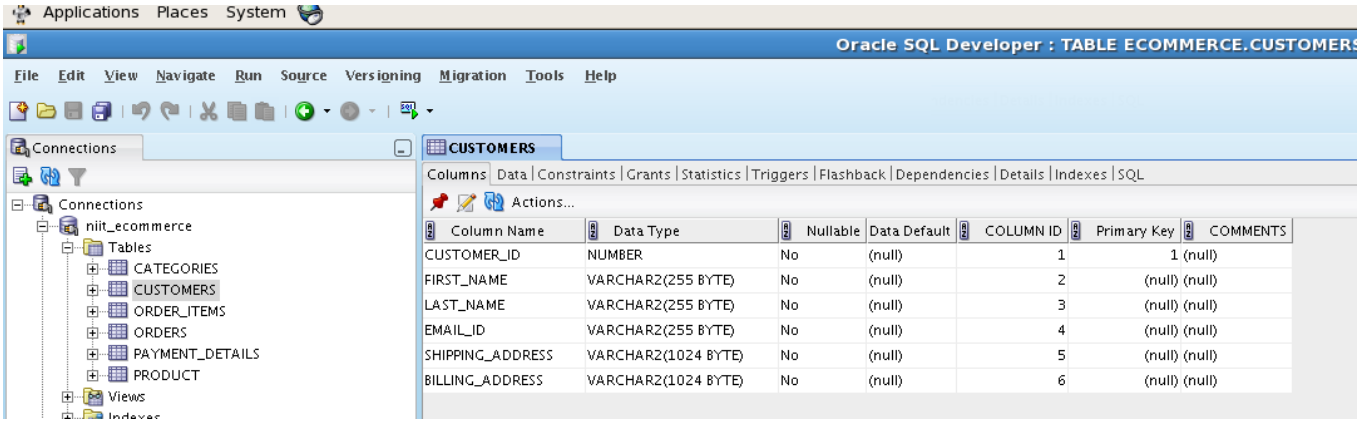
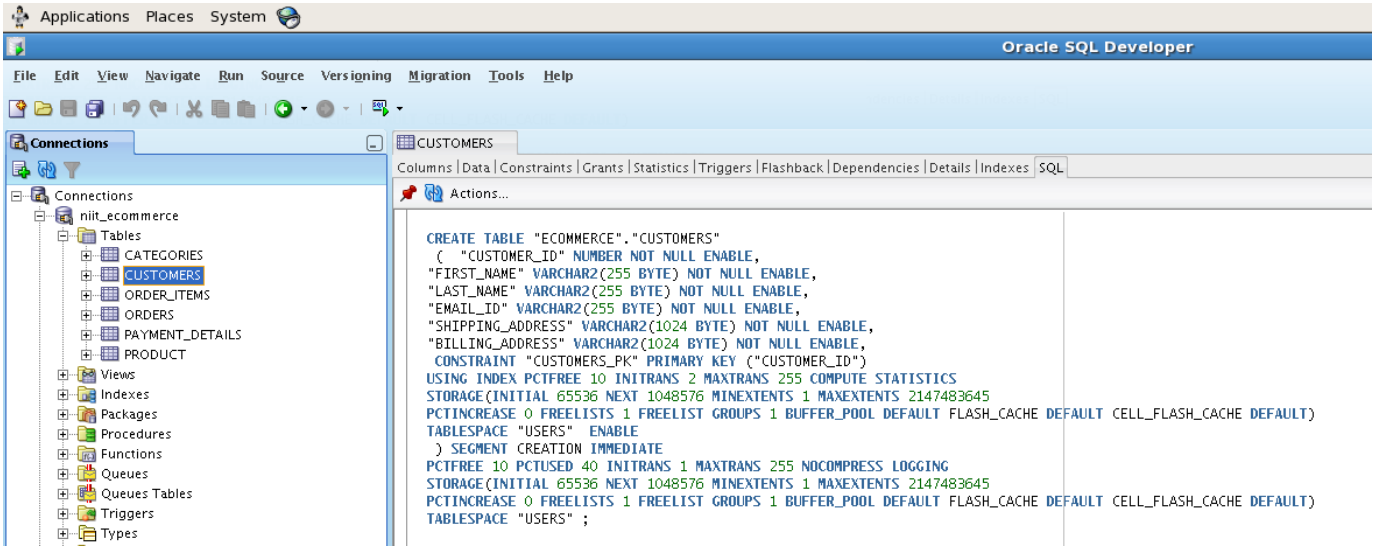


Table: Customers





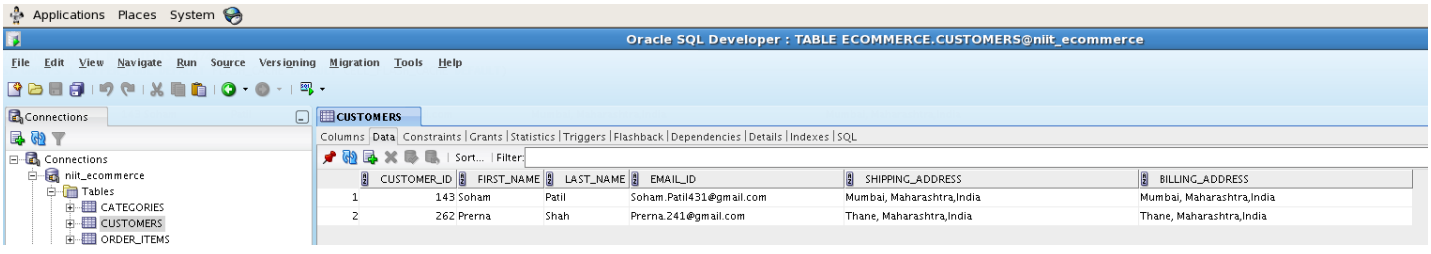
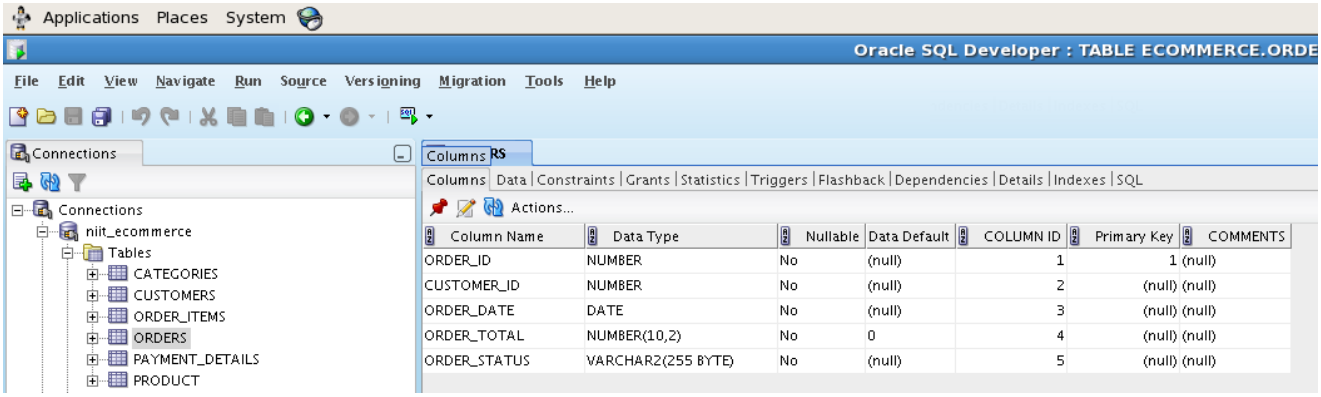
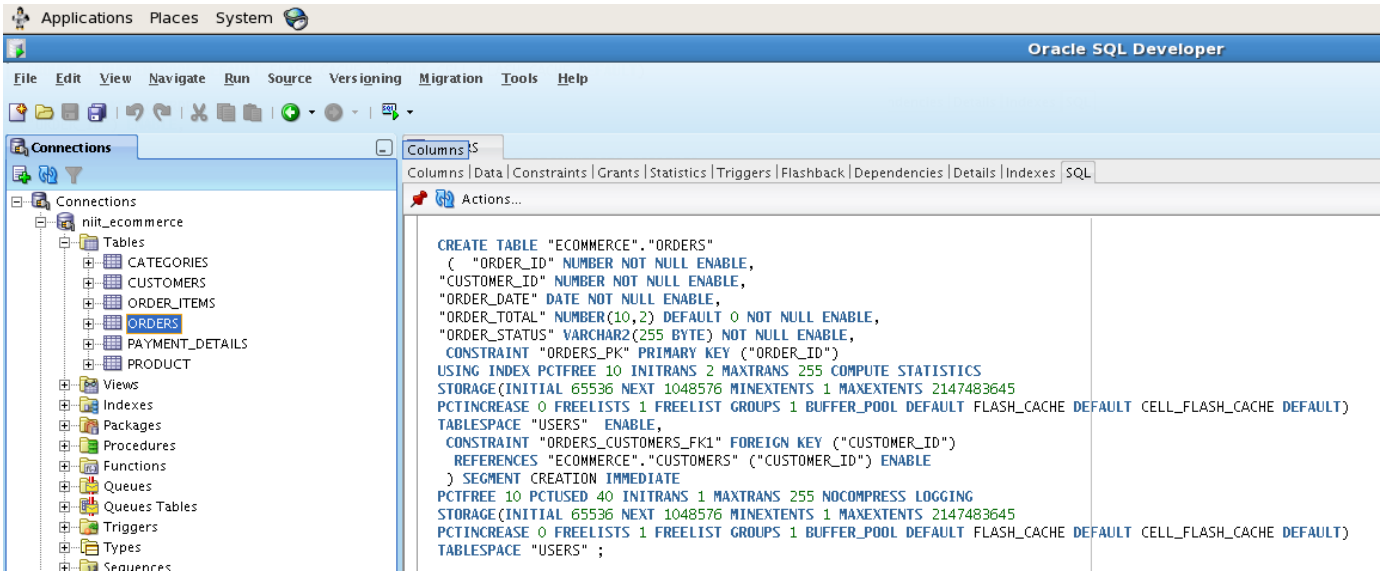


Table: Order


Applications Places System
Oracle SQL Developer : TABLE ECOMMERCE.ORDE
File Edit View Navigate Run Source Versioning Migration Tools Help
Connections
Connections
niit_ecommerce
Tables
CATEGORIES
CUSTOMERS
ORDER_ITEMS
ORDERS
PAYMENT_DETAILS
PRODUCT
Columns
Columns Data Constraints Grants Statistics Triggers Flashback Dependencies Details Indexes SQL
Actions...
Column Name | Data Type | Nullable | Data Default | COLUMN ID | Primary Key | COMMENTS
ORDER_ID | NUMBER | No | (null) | 1 | 1 | (null)
CUSTOMER_ID | NUMBER | No | (null) | 2 | (null) | (null)
ORDER_DATE | DATE | No | (null) | 3 | (null) | (null)
ORDER_TOTAL | NUMBER(10,2) | No | 0 | 4 | (null) | (null)
ORDER_STATUS | VARCHAR2(255 BYTE) | No | (null) | 5 | (null) | (null)


Applications Places System
Oracle SQL Developer
File Edit View Navigate Run Source Versioning Migration Tools Help
Connections
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niit_ecommerce
Tables
CATEGORIES
CUSTOMERS
ORDER_ITEMS
ORDERS
PAYMENT_DETAILS
PRODUCT
Views
Indexes
Packages
Procedures
Functions
Queues
Queues Tables
Triggers
Types
Columns Data Constraints Grants Statistics Triggers Flashback Dependencies Details Indexes SQL
Actions...
CREATE TABLE "ECOMMERCE"."ORDERS"
("ORDER_ID" NUMBER NOT NULL ENABLE,
"CUSTOMER_ID" NUMBER NOT NULL ENABLE,
"ORDER_DATE" DATE NOT NULL ENABLE,
"ORDER_TOTAL" NUMBER(10,2) DEFAULT 0 NOT NULL ENABLE,
"ORDER_STATUS" VARCHAR2(255 BYTE) NOT NULL ENABLE,
CONSTRAINT "ORDERS_PK" PRIMARY KEY ("ORDER_ID")
USING INDEX PCTFREE 10 INITRANS 2 MAXTRANS 255 COMPUTE STATISTICS
STORAGE(INITIAL 65536 NEXT 1048576 MINEXTENTS 1 MAXEXTENTS 2147483645
PCTINCREASE 0 FREELISTS 1 FREELIST GROUPS 1 BUFFER_POOL DEFAULT FLASH_CACHE DEFAULT CELL_FLASH_CACHE DEFAULT)
TABLESPACE "USERS" ENABLE,
CONSTRAINT "ORDERS_CUSTOMERS_FK1" FOREIGN KEY ("CUSTOMER_ID")
REFERENCES "ECOMMERCE"."CUSTOMERS" ("CUSTOMER_ID") ENABLE
) SEGMENT CREATION IMMEDIATE
PCTFREE 10 PCTUSED 40 INITRANS 1 MAXTRANS 255 NOCOMPRESS LOGGING
STORAGE(INITIAL 65536 NEXT 1048576 MINEXTENTS 1 MAXEXTENTS 2147483645
PCTINCREASE 0 FREELISTS 1 FREELIST GROUPS 1 BUFFER_POOL DEFAULT FLASH_CACHE DEFAULT CELL_FLASH_CACHE DEFAULT)
TABLESPACE "USERS" ;

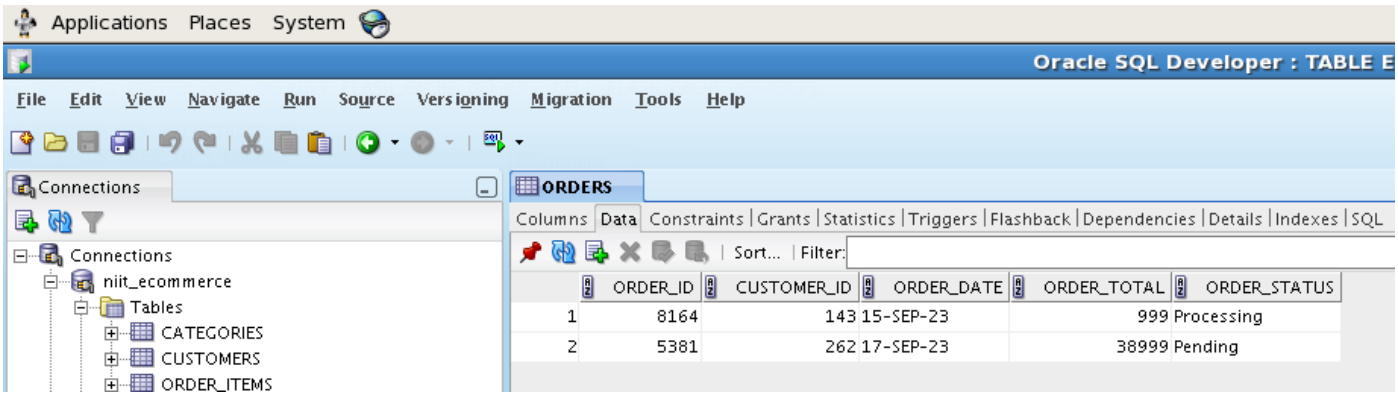
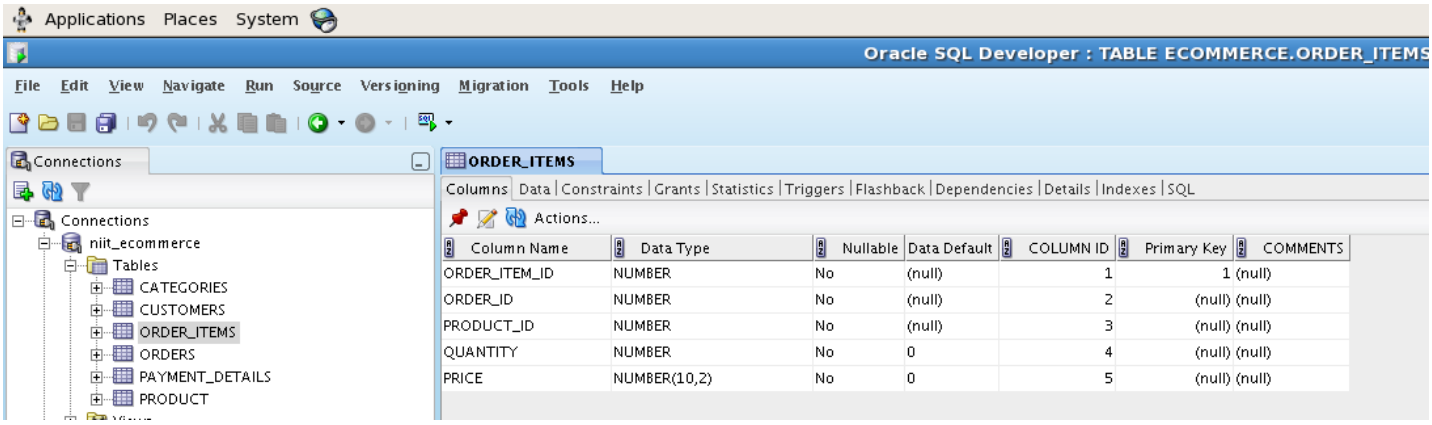
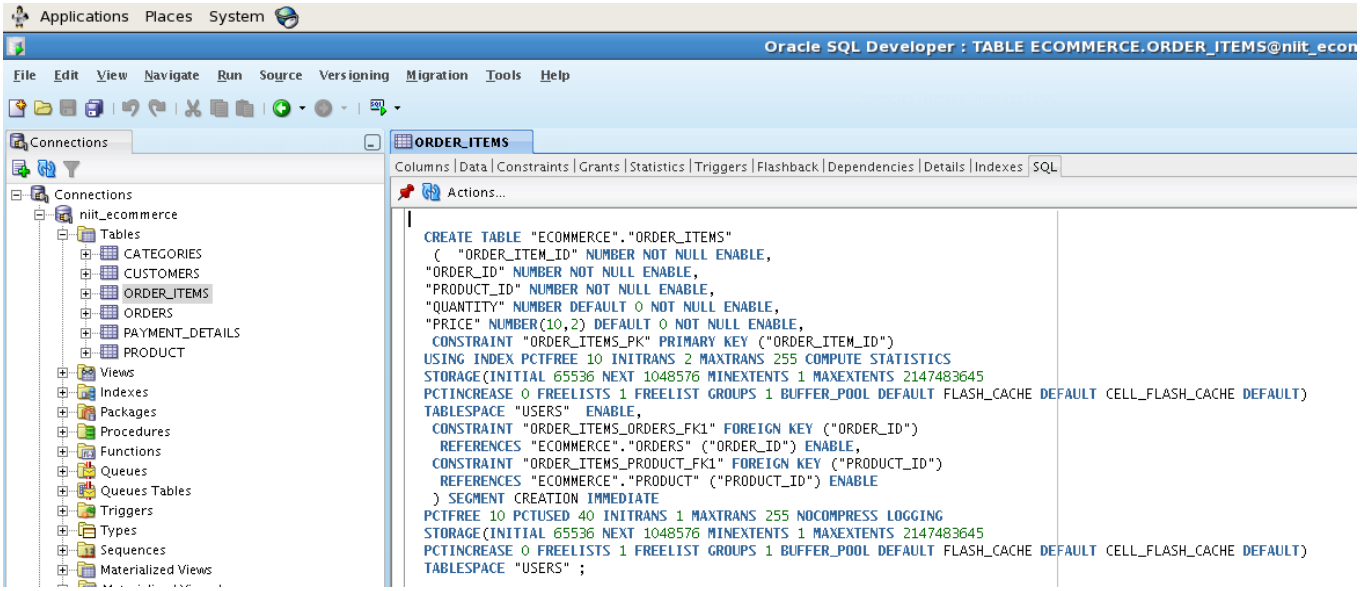

Applications Places System
Oracle SQL Developer : TABLE E
File Edit View Navigate Run Source Versioning Migration Tools Help
Connections
Connections
niit_ecommerce
Tables
CATEGORIES
CUSTOMERS
ORDER_ITEMS
ORDERS
Columns Data Constraints Grants Statistics Triggers Flashback Dependencies Details Indexes SQL
Sort... Filter:
ORDER_ID | CUSTOMER_ID | ORDER_DATE | ORDER_TOTAL | ORDER_STATUS
1 | 8164 | 143 | 15-SEP-23 | 999 | Processing
2 | 5381 | 262 | 17-SEP-23 | 38999 | Pending

Table: Order Items





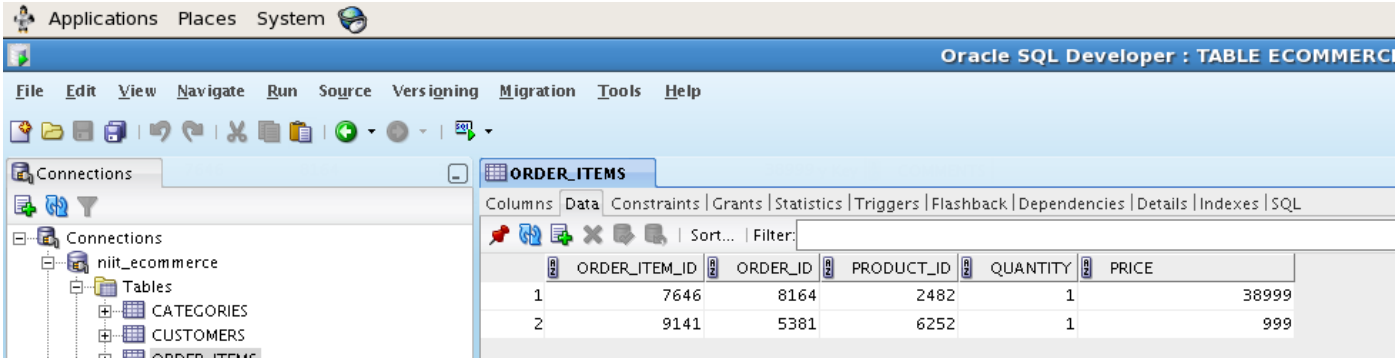
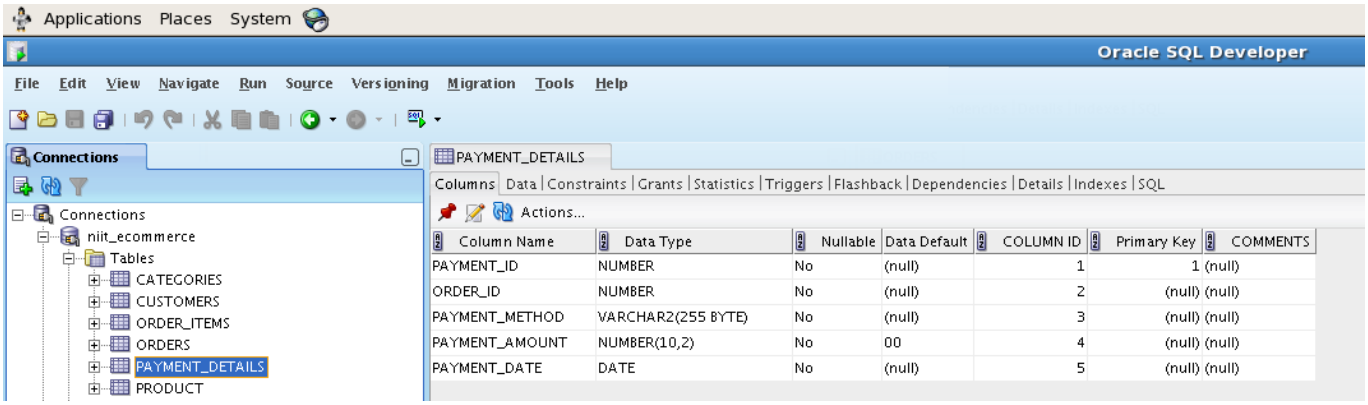
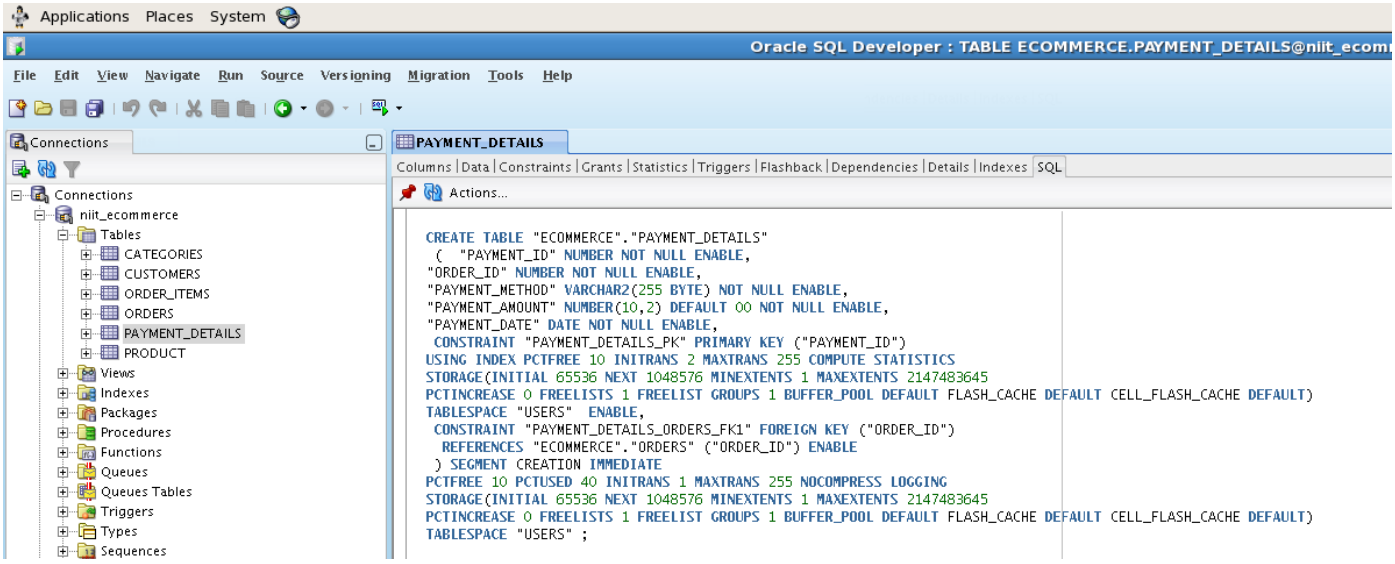
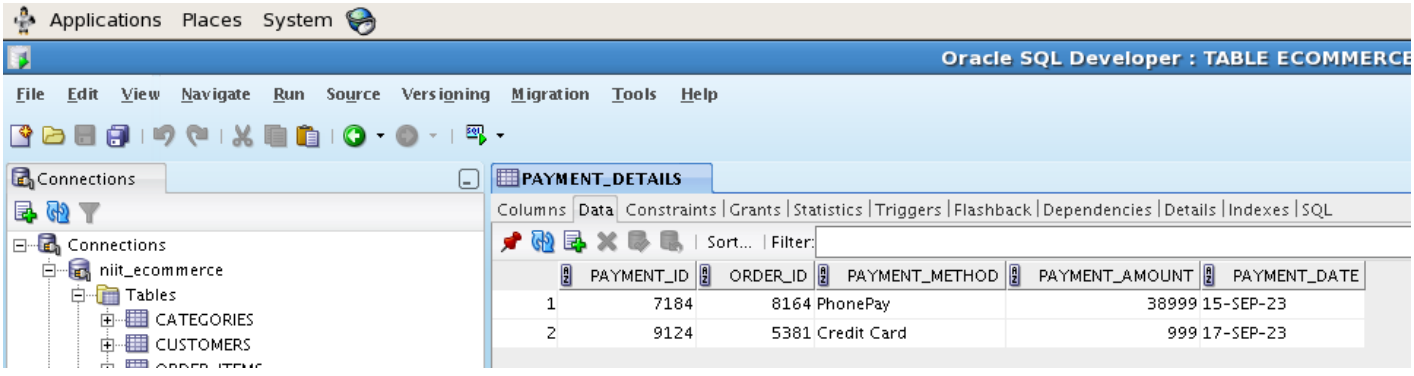


Table: Payment Details







About -

- ***Products Table:***

Stores information about the products that are sold in the store, such as the product name, description, price, quantity in stock.

- ***Categories Table:***

Stores information about the different categories of products that are sold in the store, such as the category name, description.

- ***Customers Table:***

Stores information about the customers who purchase products from the store, such as the customer name, email address, shipping address, and billing address.

- ***Orders Table:***

Stores information about the orders that are placed by customers in the store, such as the customer who placed the order, the order date, the order total, and the order status.

- ***Order Items Table:***

Stores information about the individual items that are included in each order, such as the order, product, quantity, and price.

- ***Payment Details Table:***

Stores information about the payments that are made by customers for their orders, such as the order, payment method, payment amount, and payment date.

Primary Key and Foreign Key

Table	*Primary Key*	*Foreign Key*
Products	Product_Id	
Categories	Category_Id	
Customers	Customer_Id	
Orders	Order_Id	Customer_Id
Order Items	Order_Item_Id	Order_Id And Product_Id
Payment Details	Payment_Id	Order_Id