Q 83 Create a table Item\_dtls (Electronics) Try to insert at least 10 records in the above table Try to insert at least 2 records with null value

CREATE TABLE Item\_dtls (

Item\_id INT PRIMARY KEY,

Item\_name VARCHAR(255),

Brand VARCHAR(255),

Price DECIMAL(10, 2),

Description VARCHAR(255)

);

INSERT INTO Item\_dtls (Item\_id, Item\_name, Brand, Price, Description)

VALUES

(1, 'Smartphone', 'Apple', 999.99, 'Latest iPhone model'),

(2, 'Laptop', 'Dell', 1299.99, 'High-performance laptop'),

(3, 'Smartwatch', 'Samsung', 299.99, 'Fitness tracking smartwatch'),

(4, 'Headphones', 'Sony', 199.99, 'Noise-cancelling headphones'),

(5, 'TV', 'LG', 1099.99, '4K Smart TV'),

(6, 'Tablet', 'Apple', 699.99, 'Latest iPad model'),

(7, 'Gaming Console', 'PlayStation', 499.99, 'Next-gen gaming console'),

(8, 'Camera', NULL, 799.99, 'Professional DSLR camera'),

(9, 'Speaker', 'JBL', 99.99, 'Portable Bluetooth speaker'),

(10, 'Monitor', 'ASUS', 399.99, NULL),

(11, NULL, 'HP', 599.99, 'High-performance printer'),

(12, 'Keyboard', NULL, 49.99, 'Wireless keyboard');

-- Inserting 2 records with null values

INSERT INTO Item\_dtls (Item\_id, Item\_name, Brand, Price, Description)

VALUES

(13, 'Mouse', NULL, 19.99, 'Wireless mouse'),

(14, NULL, 'Lenovo', 899.99, 'High-performance laptop');

SELECT \*from Item\_dtls; 84. Create a table Sales\_dtls

Try to insert at least 10 records in the above table

Try to insert at least 2 records with null value

Q 84. Create a table Sales\_dtls

Try to insert at least 10 records in the above table

Try to insert at least 2 records with null value

CREATE TABLE Sales\_dtls (

Sales\_id INT PRIMARY KEY,

Product\_name VARCHAR(255),

Sales\_date DATE,

Quantity INT,

Total\_amount DECIMAL(10, 2)

);

INSERT INTO Sales\_dtls (Sales\_id, Product\_name, Sales\_date, Quantity, Total\_amount)

VALUES

(1, 'Smartphone', '2022-01-01', 10, 9999.90),

(2, 'Laptop', '2022-01-05', 5, 6499.95),

(3, 'Smartwatch', '2022-01-10', 20, 5999.80),

(4, 'Headphones', '2022-01-15', 30, 5999.70),

(5, 'TV', '2022-02-01', 8, 8799.92),

(6, 'Tablet', '2022-02-05', 12, 8399.88),

(7, 'Gaming Console', '2022-02-10', 6, 2999.94),

(8, NULL, '2022-02-15', 15, 7499.85),

(9, 'Speaker', '2022-03-01', 25, 2499.75),

(10, 'Monitor', NULL, 10, 3999.90),

(11, 'Keyboard', '2022-03-10', NULL, 499.99),

(12, 'Mouse', '2022-03-15', 20, NULL);

SELECT \* FROM Sales\_dtls

Q .85 create a table manufacturers

Try to insert at least 10 records in the above table

Try to insert at least 2 records with null value

Create table

CREATE TABLE manufacturers (

Manufacturer\_id INT PRIMARY KEY,

Manufacturer\_name VARCHAR(255),

Country VARCHAR(255),

Product\_category VARCHAR(255),

Contact\_info VARCHAR(255)

);

INSERT INTO manufacturers (Manufacturer\_id, Manufacturer\_name, Country, Product\_category, Contact\_info)

VALUES

(1, 'Apple Inc.', 'USA', 'Electronics', 'info@apple.com'),

(2, 'Samsung Electronics', 'South Korea', 'Electronics', 'info@samsung.com'),

(3, 'Dell Technologies', 'USA', 'Computers', 'info@dell.com'),

(4, 'Sony Corporation', 'Japan', 'Electronics', 'info@sony.com'),

(5, 'LG Electronics', 'South Korea', 'Electronics', 'info@lge.com'),

(6, 'HP Inc.', 'USA', 'Computers', 'info@hp.com'),

(7, 'Lenovo Group', 'China', 'Computers', 'info@lenovo.com'),

(8, NULL, 'Japan', 'Automotive', 'info@toyota.com'),

(9, 'AsusTek Computer', 'Taiwan', 'Computers', NULL),

(10, 'Microsoft Corporation', 'USA', 'Software', 'info@microsoft.com'),

(11, 'Google LLC', 'USA', 'Software', 'info@google.com'),

(12, 'Amazon.com, Inc.', 'USA', 'E-commerce', 'info@amazon.com');

-- Selecting all records

SELECT \* FROM manufacturers;

Consider the below tables with estimated columns and then practise below questions.

CUST DTLS

CUST Act DTLS

ACT\_TYPES\_INFO

PROD\_DTLS

EMP

DEPT

Q .86 Fetch all clerks information

CREATE TABLE EMP (

Emp\_id INT PRIMARY KEY,

Emp\_name VARCHAR(255),

Job\_title VARCHAR(255),

Department VARCHAR(255)

);

INSERT INTO EMP (Emp\_id, Emp\_name, Job\_title, Department)

VALUES

(1, 'John Smith', 'Clerk', 'Sales'),

(2, 'Jane Doe', 'Manager', 'Marketing'),

(3, 'Bob Brown', 'Clerk', 'HR'),

(4, 'Alice Johnson', 'Clerk', 'Finance'),

(5, 'Mike Davis', 'Analyst', 'IT'),

(6, 'Emily Taylor', 'Clerk', 'Sales'),

(7, 'Tom White', 'Manager', 'Marketing'),

(8, 'Kate Martin', 'Clerk', 'HR');

-- Fetch all clerks' information

SELECT \* FROM EMP WHERE Job\_title = 'Clerk';

87) Display all departments information located at CHICAGO?

SELECT \* FROM DEPT WHERE location = ‘CHICAGO’;

88) Display product details manufactured in the current year only? SELECT \* FROM PROD\_DTLS WHERE EXTRACT(YEAR FROM manufacture\_date) = EXTRACT(YEAR FROM SYSDATE);

89) Get the details of cutomers accounts who opened the accounts before this year? SELECT \* FROM CUST\_ACT\_DTLS WHERE account\_open\_date < TRUNC(SYSDATE, ‘YYYY’); 90) Get all

SALARY account details? SELECT \* FROM CUST\_ACT\_DTLS WHERE account\_type = ‘SALARY’;

91) Display customer names and mobile numbers from the city ‘Texas’?

Select cname, mobile from cust\_dtls where city=’Texas’;

92) Get the information of Trading account?

SELECT \* FROM CUST\_ACT\_DTLS WHERE account\_type = ‘TRADING’;

93) Display only Expired product details?

SELECT \* FROM prod\_dtls WHERE exp < SYSDATE;