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Run

-- Create Client Master Table  
CREATE TABLE Client\_Master (  
 Client\_no NUMBER(6) PRIMARY KEY,  
 Name VARCHAR2(20),  
 Place VARCHAR2(20),  
 City VARCHAR2(20),  
 State VARCHAR2(20),  
 Bal\_due NUMBER(10,2)  
);  
  
-- Create Product Master Table  
CREATE TABLE Product\_Master (  
 Product\_no NUMBER(4) PRIMARY KEY,  
 Product\_Name VARCHAR2(20),  
 Profit\_percentage NUMBER(5,2),  
 Unit\_measure VARCHAR2(10) DEFAULT 'KG',

Results Explain Describe Saved SQL History

Table created.

0.02 seconds

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);  
  
-- Create Product Master Table  
CREATE TABLE Product\_Master (  
 Product\_no NUMBER(4) PRIMARY KEY,  
 Product\_Name VARCHAR2(20),  
 Profit\_percentage NUMBER(5,2),  
 Unit\_measure VARCHAR2(10) DEFAULT 'KG',  
 Qty\_on\_hand NUMBER(10,2),  
 Sale\_price NUMBER(10,2),  
 Cost\_price NUMBER(10,2)  
);  
  
-- Create Orders Table  
CREATE TABLE Orders (  
 Order\_no NUMBER(6) PRIMARY KEY,

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Table created.

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Sale\_price NUMBER(10,2),  
Cost\_price NUMBER(10,2)  
);  
  
-- Create Orders Table  
CREATE TABLE Orders (  
 Order\_no NUMBER(6) PRIMARY KEY,  
 Product\_no NUMBER(4),  
 Client\_no NUMBER(6),  
 Price NUMBER(10,2),  
 Qty VARCHAR2(20) NOT NULL CHECK (Qty > 10),  
 Remark VARCHAR2(60),  
 FOREIGN KEY (Product\_no) REFERENCES Product\_Master(Product\_no),  
 FOREIGN KEY (Client\_no) REFERENCES Client\_Master(Client\_no)  
);

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**Save**   **Run**

```
ALTER TABLE Client_Master  
ADD (Pin NUMBER(6));
```

**Results**   Explain   Describe   Saved SQL   History

Table altered.

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```
ALTER TABLE Orders
MODIFY (Price NUMBER(10,2));
```

Results   Explain   Describe   Saved SQL   History

Table altered.

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```
ALTER TABLE Product_Master
DROP COLUMN Profit_percentage;
```

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Run

```
ALTER TABLE Client_Master
RENAME COLUMN Pin TO PinCode;
```

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Table altered.

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```
ALTER TABLE Client_Master
MODIFY (Name VARCHAR2(20) NOT NULL);
```

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Table altered.

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```
ALTER TABLE Product_Master
MODIFY (Unit_measure DEFAULT 'KG');
```

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```

ALTER TABLE Orders
ADD CONSTRAINT Check_PriceGreaterThan100 CHECK (Price > 100);
        
```

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Table altered.

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```

ALTER TABLE Product_Master
ADD CONSTRAINT Unique_ProductName UNIQUE (Product_Name);
        
```

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Table altered.

0.02 seconds

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SaveRun

-- Insert into Client\_Master  
INSERT INTO Client\_Master (Client\_no, Name, Place, City, State, Bal\_due, PinCode)  
SELECT 1, 'Client 1', 'Place 1', 'City 1', 'State 1', 1000.00, 123456 FROM DUAL  
UNION ALL  
SELECT 2, 'Client 2', 'Place 2', 'City 2', 'State 2', 1500.00, 789012 FROM DUAL  
UNION ALL  
SELECT 3, 'Client 3', 'Place 3', 'City 3', 'State 3', 2000.00, 345678 FROM DUAL  
UNION ALL  
SELECT 4, 'Client 4', 'Place 4', 'City 4', 'State 4', 500.00, 901234 FROM DUAL  
UNION ALL  
SELECT 5, 'Client 5', 'Place 5', 'City 5', 'State 5', 3000.00, 567890 FROM DUAL;  
  
-- Insert into Product\_Master  
INSERT INTO Product\_Master (Product\_no, Product\_Name, Qty\_on\_hand, Sale\_price, Cost\_price)  
VALUES

ResultsExplainDescribeSaved SQLHistory

5 row(s) inserted.

0.00 seconds

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SELECT 5, 'Client 5', 'Place 5', 'City 5', 'State 5', 3000.00, 567890 FROM DUAL;  
  
-- Insert into Product\_Master  
INSERT INTO Product\_Master (Product\_no, Product\_Name, Qty\_on\_hand, Sale\_price, Cost\_price)  
SELECT 1, 'Product 1', 100, 50.00, 40.00 FROM DUAL  
UNION ALL  
SELECT 2, 'Product 2', 150, 60.00, 45.00 FROM DUAL  
UNION ALL  
SELECT 3, 'Product 3', 200, 70.00, 55.00 FROM DUAL  
UNION ALL  
SELECT 4, 'Product 4', 50, 40.00, 30.00 FROM DUAL  
UNION ALL  
SELECT 5, 'Product 5', 300, 80.00, 65.00 FROM DUAL;

ResultsExplainDescribeSaved SQLHistory

5 row(s) inserted.

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UNION ALL  
SELECT 5, 'Product 5', 300, 80.00, 65.00 FROM DUAL;  
  
-- Insert into Orders  
INSERT INTO Orders (Order\_no, Product\_no, Client\_no, Price, Qty, Remark)  
SELECT 1, 1, 1, 120.00, '20', 'Remark 1' FROM DUAL  
UNION ALL  
SELECT 2, 2, 2, 150.00, '15', 'Remark 2' FROM DUAL  
UNION ALL  
SELECT 3, 3, 3, 140.00, '25', 'Remark 3' FROM DUAL  
UNION ALL  
SELECT 4, 4, 4, 110.00, '30', 'Remark 4' FROM DUAL  
UNION ALL  
SELECT 5, 5, 5, 130.00, '22', 'Remark 5' FROM DUAL;

ResultsExplainDescribeSaved SQLHistory

5 row(s) inserted.

0.00 seconds

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