

```
CREATE SEQUENCE CourierID_Seq;
```

```
DROP TABLE CourierBoy CASCADE CONSTRAINTS;
```

```
DROP TABLE Customer CASCADE CONSTRAINTS;
```

```
DROP TABLE Manager CASCADE CONSTRAINTS;
```

```
DROP TABLE UserAccount CASCADE CONSTRAINTS;
```

```
DROP TABLE Delivery CASCADE CONSTRAINTS;
```

```
DROP TABLE Shipment CASCADE CONSTRAINTS;
```

```
DROP TABLE Payment CASCADE CONSTRAINTS;
```

```
CREATE TABLE CourierBoy (  
    CourierID NUMBER PRIMARY KEY,  
    CourierName VARCHAR2(50) NOT NULL,  
    DeliveryAddress VARCHAR2(100),  
    PaymentDetails VARCHAR2(50),  
    CustomerID NUMBER REFERENCES Customer(CustomerID),  
    CONSTRAINT CHK_CourierID CHECK (CourierID > 0)  
);
```

```
CREATE TABLE Customer (  
    CustomerID NUMBER PRIMARY KEY,  
    CustomerName VARCHAR2(50) NOT NULL,  
    CreditCheck VARCHAR2(20),  
    CONSTRAINT CHK_CustomerID CHECK (CustomerID > 0)  
);
```

```
CREATE TABLE Manager (  
    ManagerID NUMBER PRIMARY KEY,  
    ManagerName VARCHAR2(50) NOT NULL,
```

```
CONSTRAINT CHK_ManagerID CHECK (ManagerID > 0)
);
```

```
CREATE TABLE UserAccount (
    UserID NUMBER PRIMARY KEY,
    Username VARCHAR2(50) NOT NULL,
    Password VARCHAR2(50) NOT NULL,
    ProfileUpdateDate DATE,
    CONSTRAINT CHK_UserID CHECK (UserID > 0)
);
```

```
CREATE TABLE Delivery (
    DeliveryID NUMBER PRIMARY KEY,
    CourierID NUMBER REFERENCES CourierBoy(CourierID),
    CustomerID NUMBER REFERENCES Customer(CustomerID),
    RequestStatus VARCHAR2(20),
    CONSTRAINT CHK_DeliveryID CHECK (DeliveryID > 0)
);
```

```
CREATE TABLE Shipment (
    ShipmentID NUMBER PRIMARY KEY,
    ManagerID NUMBER REFERENCES Manager(ManagerID),
    ShipmentStatus VARCHAR2(20),
    CONSTRAINT CHK_ShipmentID CHECK (ShipmentID > 0)
);
```

```
CREATE TABLE Payment (
    PaymentID NUMBER PRIMARY KEY,
    CustomerID NUMBER REFERENCES Customer(CustomerID),
```

```
PaymentType VARCHAR2(20),  
PaymentStatus VARCHAR2(20),  
CONSTRAINT CHK_PaymentID CHECK (PaymentID > 0)  
);
```

```
INSERT INTO CourierBoy (CourierID, CourierName, DeliveryAddress, PaymentDetails, CustomerID)  
VALUES (1, 'John Smith', '123 x street Cairo', 'Paid', 101);
```

```
INSERT INTO CourierBoy (CourierID, CourierName, DeliveryAddress, PaymentDetails, CustomerID)  
VALUES (2, 'Jane Doe', 'Y street, Alexandria', 'Pending Payment', 102);
```

```
INSERT INTO Customer (CustomerID, CustomerName, CreditCheck)  
VALUES (101, 'Farah Ahmed', 'Pass');
```

```
INSERT INTO Customer (CustomerID, CustomerName, CreditCheck)  
VALUES (102, 'Khaled Osama', 'Fail');
```

```
INSERT INTO Manager (ManagerID, ManagerName)  
VALUES (201, 'Sara Marwan');
```

```
INSERT INTO Manager (ManagerID, ManagerName)  
VALUES (202, 'Laila Hassan');
```

```
INSERT INTO UserAccount (UserID, Username, Password, ProfileUpdateDate)  
VALUES (301, 'user1', 'password123', TO_DATE('2024-05-10', 'YYYY-MM-DD'));
```

```
INSERT INTO UserAccount (UserID, Username, Password, ProfileUpdateDate)  
VALUES (302, 'user2', 'pass@123', TO_DATE('2024-05-11', 'YYYY-MM-DD'));
```

```
INSERT INTO Delivery (DeliveryID, CourierID, CustomerID, RequestStatus)
VALUES (1, 1, 101, 'Pending');
```

```
INSERT INTO Delivery (DeliveryID, CourierID, CustomerID, RequestStatus)
VALUES (2, 2, 102, 'Scheduled');
```

```
INSERT INTO Shipment (ShipmentID, ManagerID, ShipmentStatus)
VALUES (1, 201, 'In Progress');
```

```
INSERT INTO Shipment (ShipmentID, ManagerID, ShipmentStatus)
VALUES (2, 202, 'Delayed');
```

```
INSERT INTO Payment (PaymentID, CustomerID, PaymentType, PaymentStatus)
VALUES (1, 101, 'Credit Card', 'Success');
```

```
INSERT INTO Payment (PaymentID, CustomerID, PaymentType, PaymentStatus)
VALUES (2, 102, 'Cash on Delivery', 'Pending');
```

```
COMMIT;
```