**DBMS Lab 8 SOLUTIONS**

Create a shipment table with Shipment ID as the key, Shipper name, Order no., Current city, Delivery status(undelivered/delivered), and delivery time (actual time if delivered, else ETA)

CREATE TABLE SHIPMENT( SHIPMENTID INT,SHIPPERNAME VARCHAR(20), ORDERNO INT, CURRCITY VARCHAR(20), DELSTATUS CHAR(1), DELDATETIME DATETIME);

**Q1**. There has been an issue with local transport. Create one time scheduled event which will UPDATE the shipper name of all shipments belonging to local transport to ‘IndiaPost’.

CREATE EVENT IF NOT EXISTS CHGSHIPPER ON SCHEDULE AT CURRENT\_TIMESTAMP DO UPDATE SHIPMENT SET SHIPPERNAME='INDIAPOST' WHERE SHIPPERNAME='FEDEX';

**Q2**. We want to closely monitor the deliveries. Create a scheduled event called *hourlyLog* that prints all undelivered shipments.

CREATE EVENT MONCLOSE ON SCHEDULE EVERY 1 HOUR ON COMPLETION PRESERVE DO SELECT \* FROM SHIPMENT WHERE DELSTATUS != 'D';