

```

CREATE TABLE customers (
    cust_id INT PRIMARY KEY,
    name VARCHAR(50),
    place VARCHAR(50),
    email VARCHAR(50)
);

CREATE TABLE orders (
    order_id INT PRIMARY KEY,
    order_date DATE,
    customer_id INT,
    order_amount DECIMAL(10, 2),
    FOREIGN KEY (customer_id) REFERENCES customers(cust_id)
);

CREATE TABLE products (
    product_id INT PRIMARY KEY,
    product_name VARCHAR(50),
    price DECIMAL(10, 2)
);

CREATE TABLE order_details (
    order_detail_id INT PRIMARY KEY,
    order_id INT,
    product_id INT,
    quantity INT,
    FOREIGN KEY (order_id) REFERENCES orders(order_id),
    FOREIGN KEY (product_id) REFERENCES products(product_id)
);

CREATE TABLE inventory (
    inventory_id INT PRIMARY KEY,
    product_id INT,
    stock_level INT,
    FOREIGN KEY (product_id) REFERENCES products(product_id)
);

INSERT INTO customers (cust_id, name, place, email)
VALUES (1, 'Alice Wonderland', 'Chengannur', 'alice@example.com'),
       (2, 'Bob Builder', 'Kochi', 'bob@example.com'),
       (3, 'Charlie Chaplin', 'Thiruvananthapuram', 'charlie@example.com');

INSERT INTO orders (order_id, order_date, customer_id, order_amount)
VALUES (101, '2024-10-01', 1, 150.75),
       (102, '2024-10-05', 2, 200.00),
       (103, '2024-10-06', 3, 320.50);

```

```
CREATE TRIGGER before_order_insert
BEFORE INSERT ON orders
FOR EACH ROW
BEGIN
    IF NEW.order_amount <= 0 THEN
        SIGNAL SQLSTATE '45000'
        SET MESSAGE_TEXT = 'Order amount must be positive';
    END IF;
END;
```

```
CREATE TRIGGER after_order_insert
AFTER INSERT ON order_details
FOR EACH ROW
BEGIN
    UPDATE inventory
    SET stock_level = stock_level - NEW.quantity
    WHERE product_id = NEW.product_id;
END;
```