

DBMS IN-CLASS ASSIGNMENT 03

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ICM 106 OR23106564

```
CREATE DATABASE gamekade;
```

```
USE gamekade;
```

```
CREATE TABLE customer(  
    customerId VARCHAR(6) PRIMARY KEY,  
    name VARCHAR(30) NOT NULL,  
    address VARCHAR(30),  
    salary DECIMAL(10,2)  
);
```

```
DESC Customer;
```

```
CREATE TABLE orders(  
    orderId VARCHAR(6) PRIMARY KEY,  
    orderDate DATE,  
    customerId VARCHAR(6),  
    CONSTRAINT FOREIGN KEY(customerId) REFERENCES customer(customerId)  
);
```

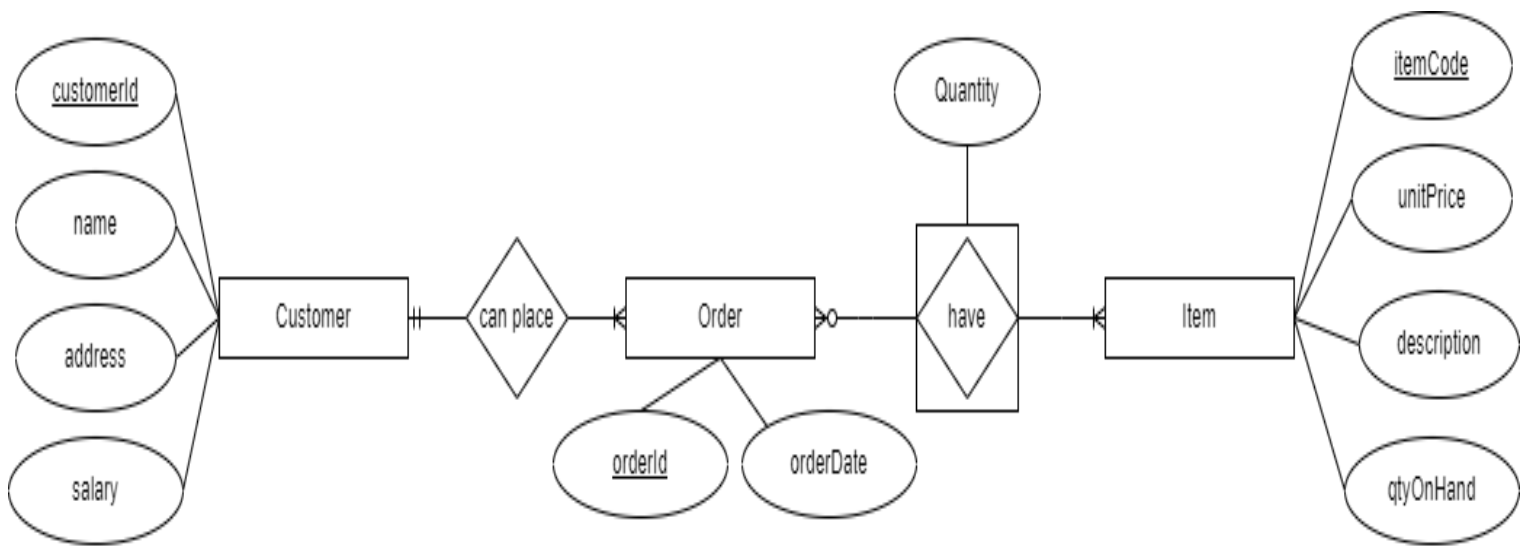
```
DESC orders;
```

```
CREATE TABLE item(  
    itemCode VARCHAR(6) PRIMARY KEY,  
    description VARCHAR(30) NOT NULL,  
    unitPrice DECIMAL(10,2),  
    qtyOnHand INT(10)  
);
```

```
DESC item;
```

```
CREATE TABLE orderDetails(  
    orderId VARCHAR(6),  
    itemCode VARCHAR(6),  
    quantity INT(10),  
    CONSTRAINT FOREIGN KEY(orderId) REFERENCES orders(orderId),  
    CONSTRAINT FOREIGN KEY(itemCode) REFERENCES item(itemCode),  
    CONSTRAINT COMPOSITE PRIMARY KEY(orderId,itemCode)  
);
```

```
DESC orderDetails;
```



```
INSERT INTO customer VALUES('c001','Josapin','Pol Waththa',85000.00);  
INSERT INTO customer VALUES('c002','Magilin','Kanattha Para',65000.00);  
INSERT INTO customer VALUES('c003','Siripala','7 Kanuwa',95000.00);
```

```
INSERT INTO orders VALUES('o001','2023-10-13','c002');  
INSERT INTO orders VALUES('o002','2023-10-14','c003');  
INSERT INTO orders VALUES('o003','2023-10-14','c001');  
INSERT INTO orders VALUES('o004','2023-10-15','c002');  
INSERT INTO orders VALUES('o005','2023-10-16','c003');
```

```
INSERT INTO item VALUES('i001','Dhal',200.00,50);  
INSERT INTO item VALUES('i002','Suger',190.00,100);  
INSERT INTO item VALUES('i003','Rice',210.00,150);  
INSERT INTO item VALUES('i004','Chocolate Biscuits',95.00,45);  
INSERT INTO item VALUES('i005','Onion',160.00,35);
```

```
INSERT INTO orderDetails VALUES('o001','i001',1);  
INSERT INTO orderDetails VALUES('o001','i003',5);  
INSERT INTO orderDetails VALUES('o001','i005',1);  
INSERT INTO orderDetails VALUES('o002','i002',2);  
INSERT INTO orderDetails VALUES('o002','i003',10);  
INSERT INTO orderDetails VALUES('o002','i004',1);  
INSERT INTO orderDetails VALUES('o003','i003',5);  
INSERT INTO orderDetails VALUES('o003','i002',2);  
INSERT INTO orderDetails VALUES('o003','i004',2);
```