

## Question 4

### Database

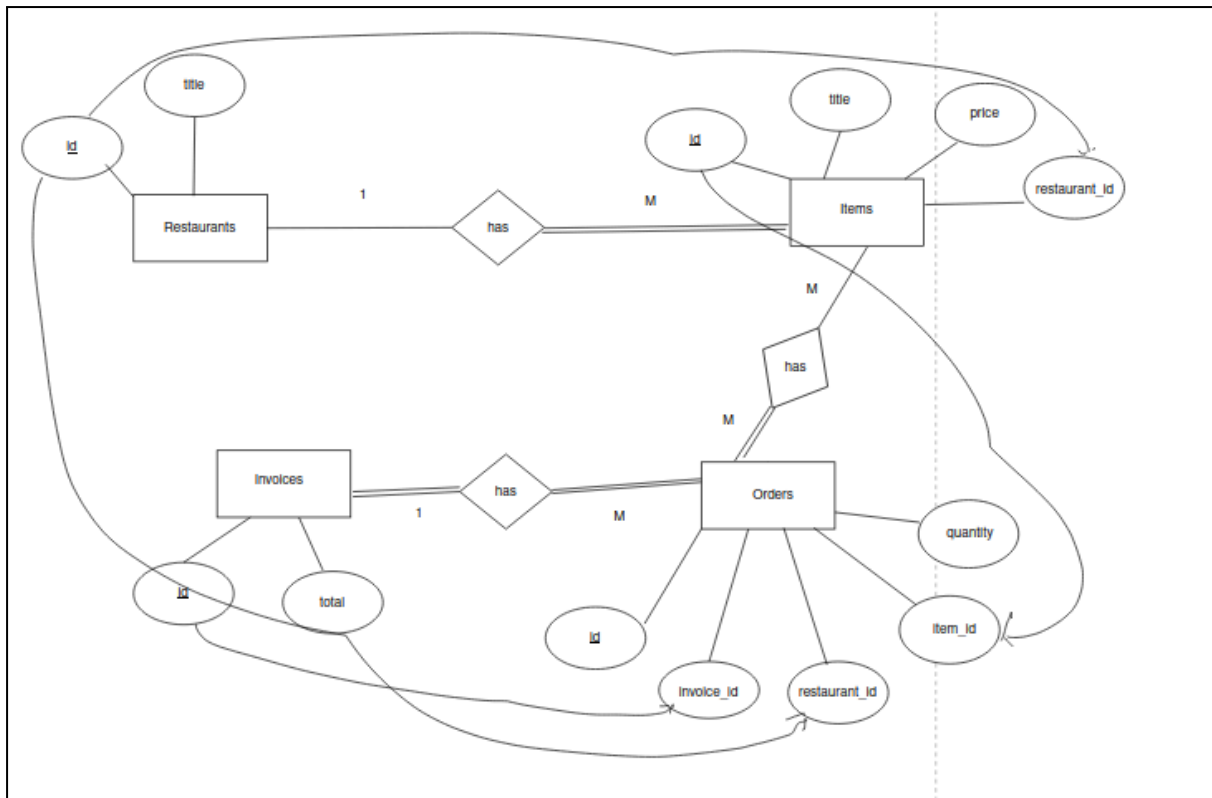
```
CREATE TABLE Restaurants (
    id INT PRIMARY KEY AUTO_INCREMENT,
    title VARCHAR(255) NOT NULL
);

CREATE TABLE Items (
    id INT PRIMARY KEY AUTO_INCREMENT,
    title VARCHAR(255) NOT NULL,
    price DECIMAL(10, 2) NOT NULL,
    restaurant_id INT,
    FOREIGN KEY (restaurant_id) REFERENCES Restaurants(id)
);

CREATE TABLE Invoices (
    id INT PRIMARY KEY AUTO_INCREMENT,
    total DECIMAL(10, 2) NOT NULL
);

CREATE TABLE Orders (
    id INT PRIMARY KEY AUTO_INCREMENT,
    invoice_id INT,
    restaurant_id INT,
    item_id INT,
    quantity INT NOT NULL ,
    FOREIGN KEY (invoice_id) REFERENCES Invoices(id),
    FOREIGN KEY (restaurant_id) REFERENCES Restaurants(id),
    FOREIGN KEY (item_id) REFERENCES Items(id)
);
```

### ER Diagram



Screen shots

# Food Ordering system

Home

Contact

## Select items

1 Rice Rs800/= silverRay	Select
2 Kottu Rs1000/= Hilton	Select
3 Samosa Rs100/= Mahaweli	Select
4 Appam Rs20/= silverRay	Select

## Selected items

Item Id	Item Name	Unit Price	quantity
Total			Rs0/=

Order

# Food Ordering system

Home

Contact

## Select items

1 Rice Rs800/= silverRay	Select
2 Kottu Rs1000/= Hilton	Select
3 Samosa Rs100/= Mahaweli	Select
4 Appam Rs20/= silverRay	Select

## Selected items

Item Id	Item Name	Unit Price	quantity
1	Rice	Rs 800/=	<input type="text" value="2"/>
3	Samosa	Rs 100/=	<input type="text" value="2"/>
4	Appam	Rs 20/=	<input type="text" value="1"/>
Total		Rs1820/=	

Order