

```
IF NOT EXISTS(SELECT * FROM sys.databases WHERE name = 'PizzaShop')
```

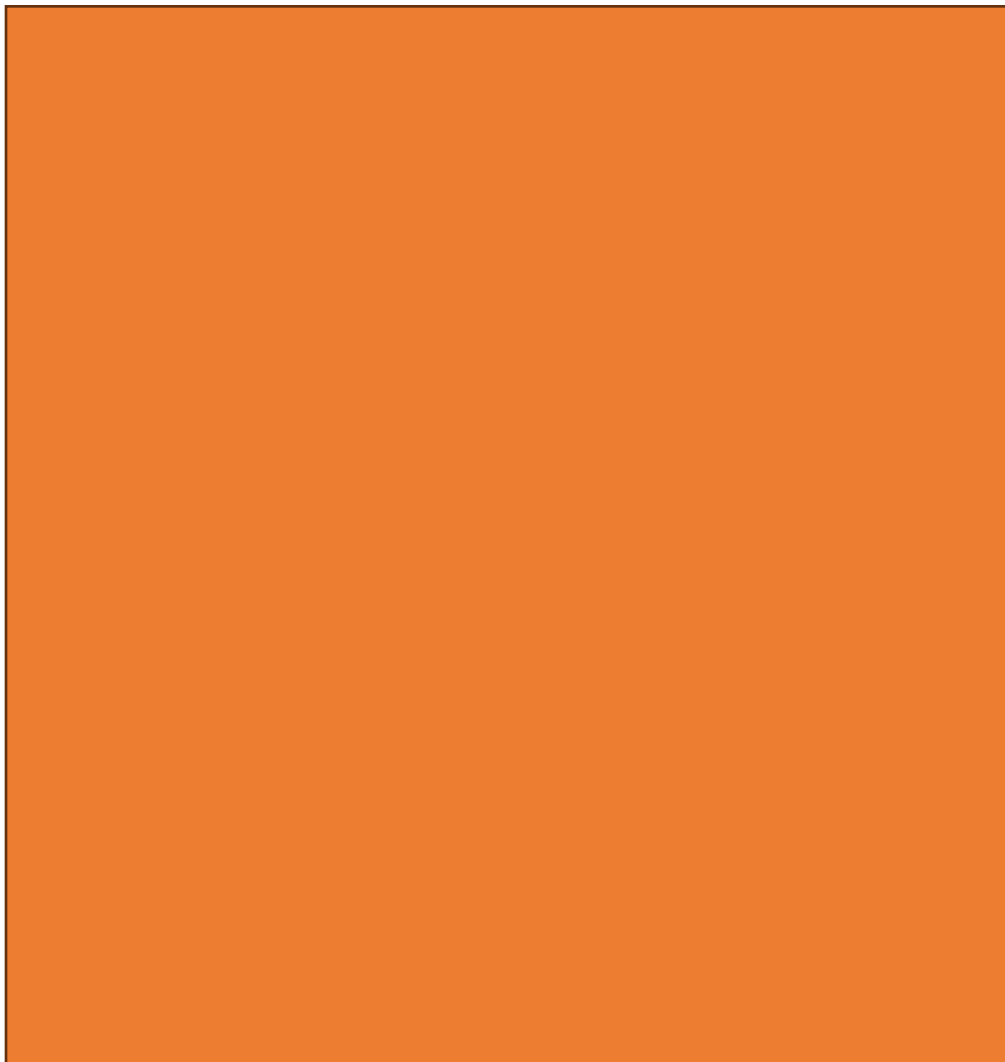
```
    CREATE DATABASE PizzaShop
```

```
GO
```

```
use PizzaShop
```

```
GO
```

```
-- DOWN
```



```
ALTER TABLE orders DROP CONSTRAINT fk_orders_cust_id
```

```
IF EXISTS(SELECT * FROM INFORMATION_SCHEMA.TABLE_CONSTRAINTS
```

```
WHERE CONSTRAINT_NAME = 'fk_orders_add_id')
```

```
ALTER TABLE orders DROP CONSTRAINT fk_orders_add_id
```

```
IF EXISTS(SELECT * FROM INFORMATION_SCHEMA.TABLE_CONSTRAINTS
```

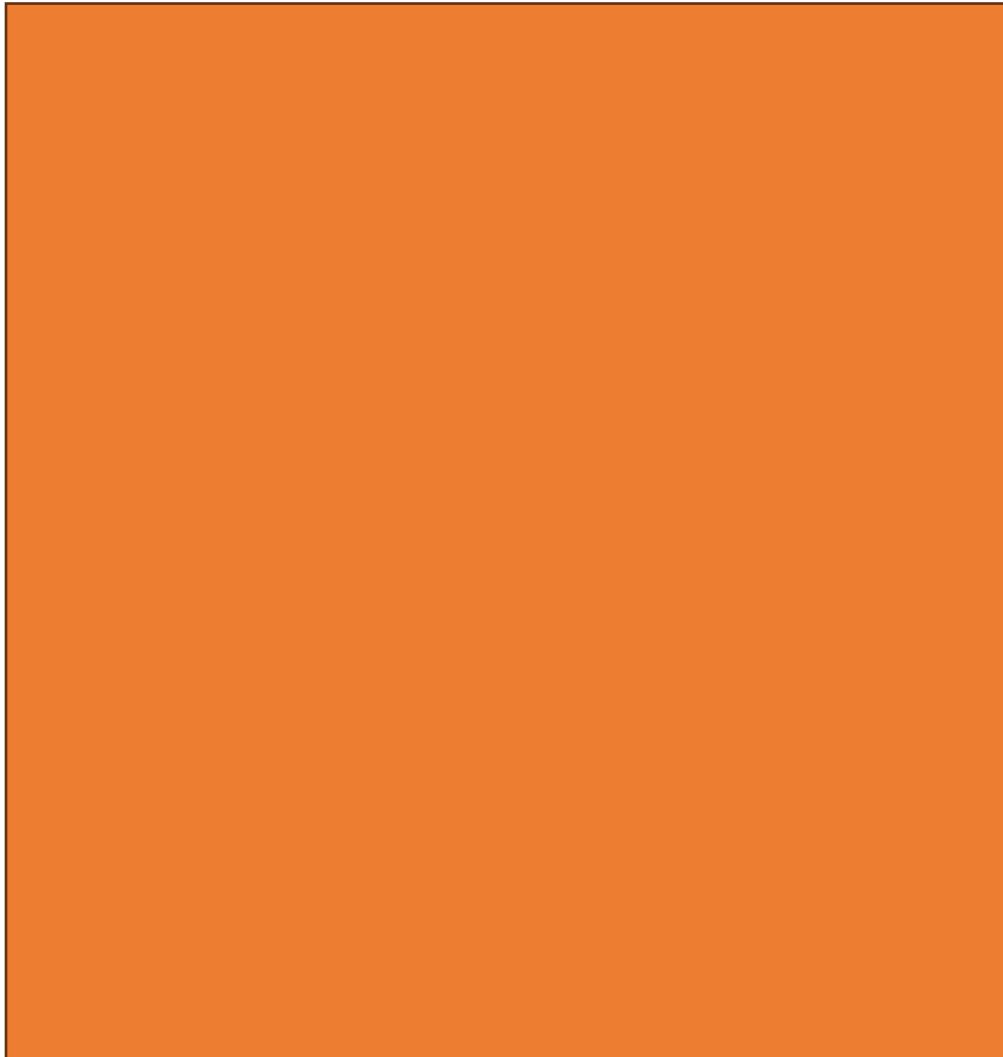
```
WHERE CONSTRAINT_NAME = 'fk_work_schedule_shift_id')
```

```
ALTER TABLE work_schedule DROP CONSTRAINT fk_work_schedule_shift_id
```

```
IF EXISTS(SELECT * FROM INFORMATION_SCHEMA.TABLE_CONSTRAINTS
```

```
WHERE CONSTRAINT_NAME = 'fk_work_schedule_staff_id')
```

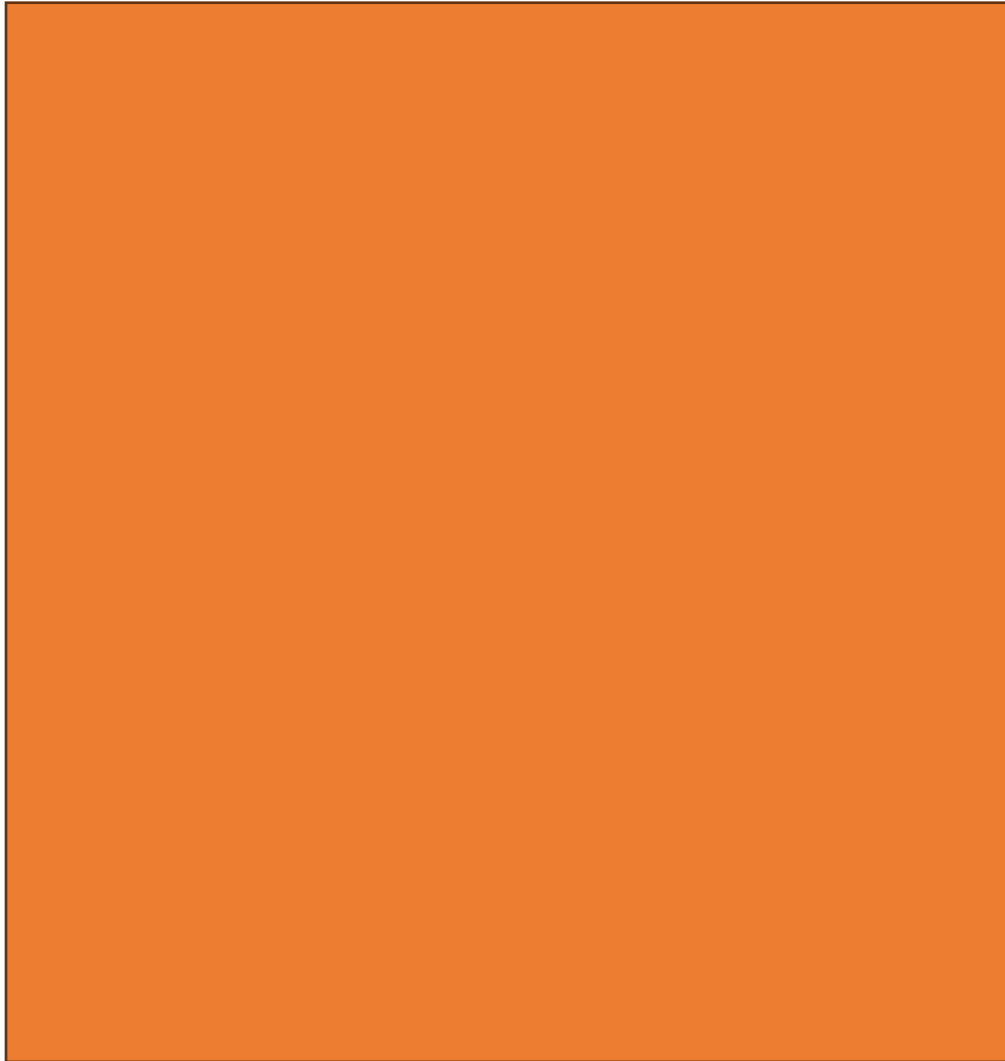
```
ALTER TABLE work_schedule DROP CONSTRAINT fk_work_schedule_staff_id
```



DROP TABLE IF EXISTS shifts

DROP TABLE IF EXISTS staff

GO



)

GO

CREATE TABLE ingredients(



```
ALTER TABLE recipes  
  ADD CONSTRAINT fk_recipes_ing_id FOREIGN KEY(ing_id)  
  REFERENCES ingredients(ing_id)
```

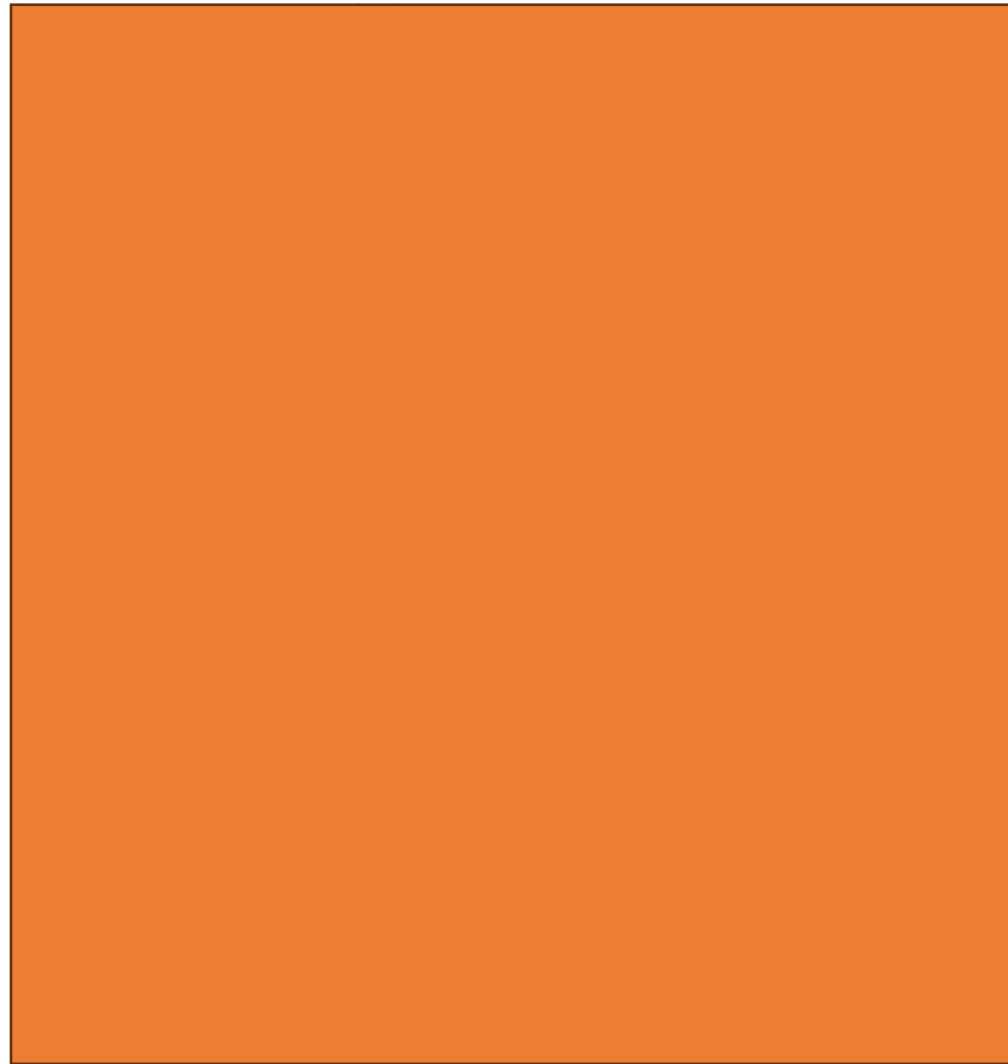
```
GO
```

```
CREATE TABLE shifts (  
  shift_id VARCHAR(20) NOT NULL,  
  day_of_week VARCHAR(200) NOT NULL,  
  start_time TIME NOT NULL,
```

```
end_time TIME NOT NULL  
CONSTRAINT pk_shifts_shift_id PRIMARY KEY(shift_id)  
)
```

```
GO
```

```
CREATE TABLE staff (  
    staff_id VARCHAR(20) NOT NULL,  
    first_name VARCHAR(50) NOT NULL,
```



```
)
```

```
ALTER TABLE items
```

```
ADD CONSTRAINT fk_item_sku FOREIGN KEY(sku)
```

```
REFERENCES recipes(recipe_id)
```

```
GO
```

```
CREATE TABLE inventory (
```

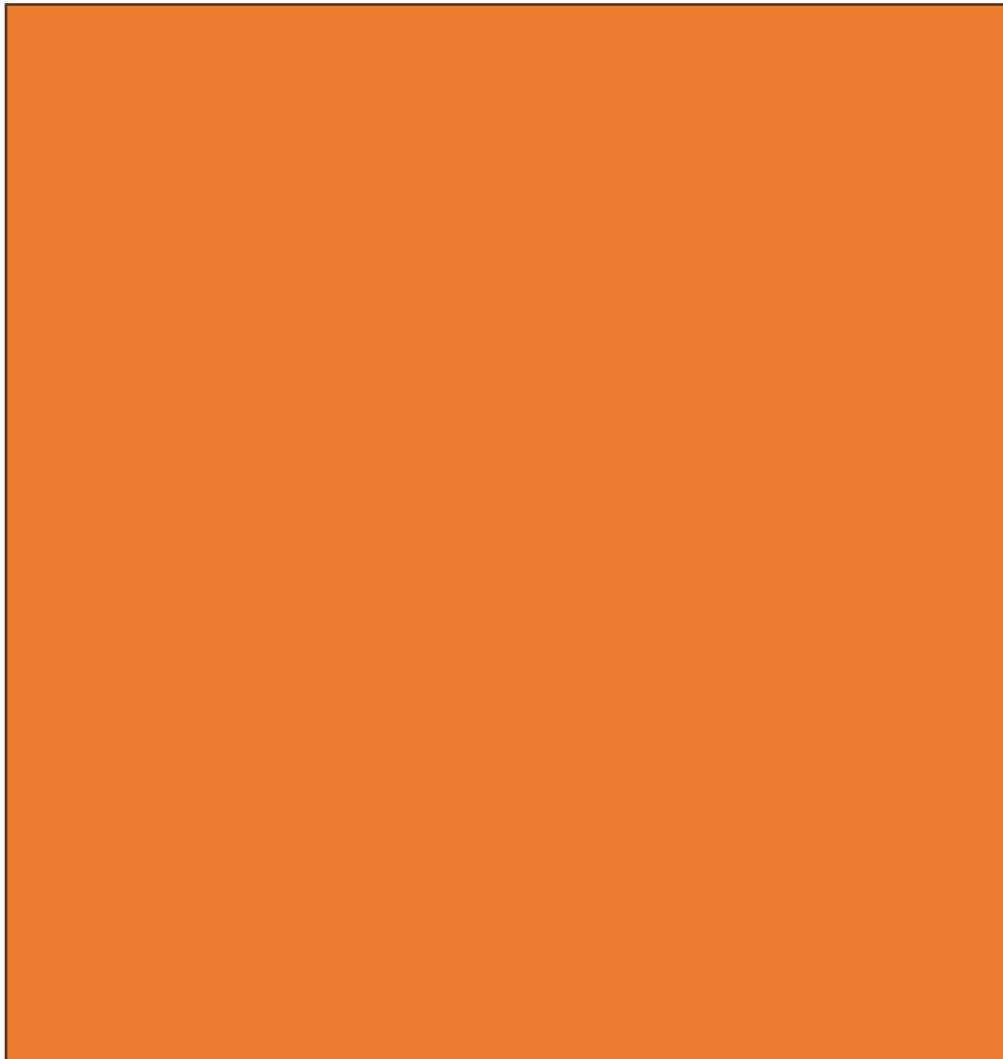
```
    inv_id INT IDENTITY NOT NULL,
```

```
    item_id VARCHAR(10) NOT NULL,
```

```
    quantity INT NOT NULL
```

```
    CONSTRAINT pk_inventory_inv_id PRIMARY KEY(inv_id)
```

```
)
```



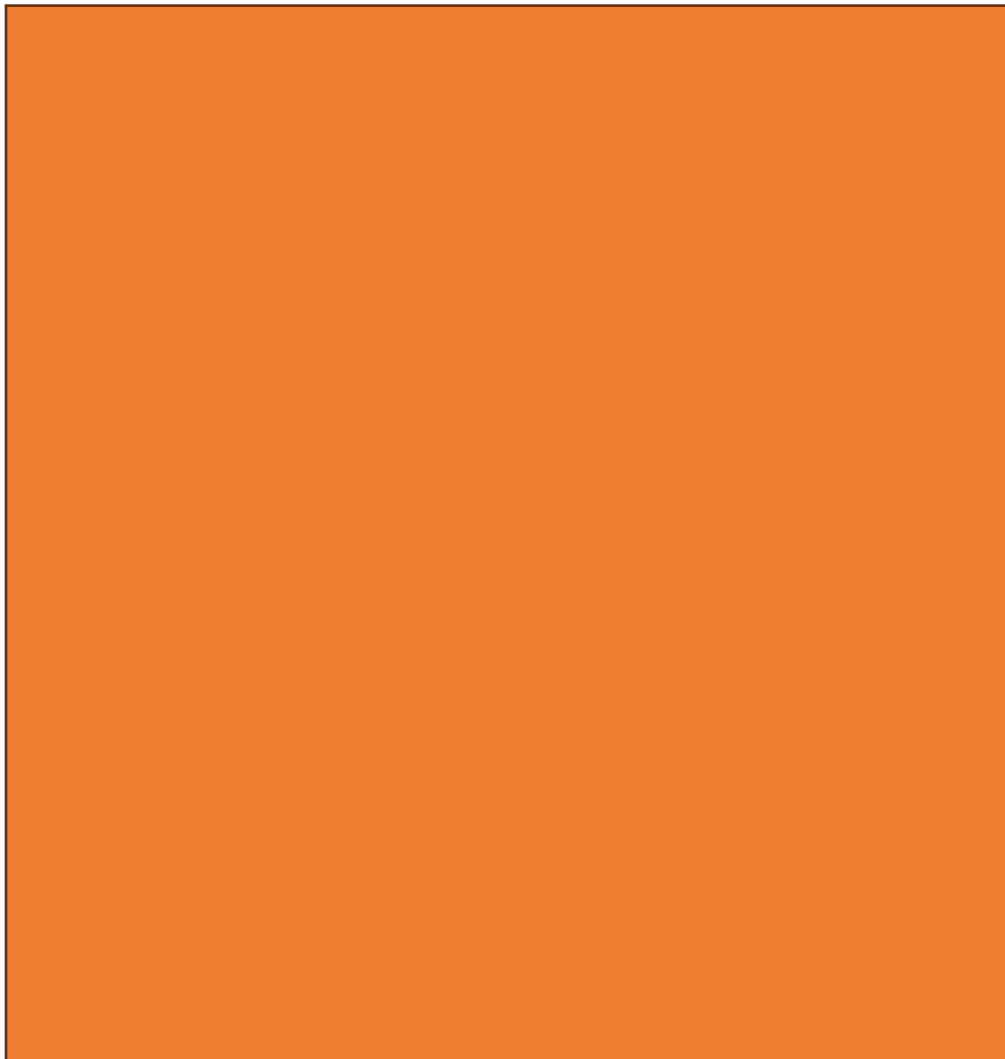
```
        CONSTRAINT u_orders_order_id UNIQUE(order_id),  
        CONSTRAINT u_orders_created_at UNIQUE (created_at)  
    )
```

```
ALTER TABLE orders
```

```
    ADD CONSTRAINT fk_orders_item_id FOREIGN KEY(item_id)  
    REFERENCES items(item_id)
```

```
ALTER TABLE orders
```

```
    ADD CONSTRAINT fk_orders_cust_id FOREIGN KEY(cust_id)  
    REFERENCES customers(cust_id)
```



```
ADD CONSTRAINT fk_work_schedule_shift_id FOREIGN KEY(shift_id)
REFERENCES shifts(shift_id)
```

```
ALTER TABLE work_schedule
ADD CONSTRAINT fk_work_schedule_staff_id FOREIGN KEY(staff_id)
REFERENCES staff(staff_id)
```

```
ALTER TABLE work_schedule
```

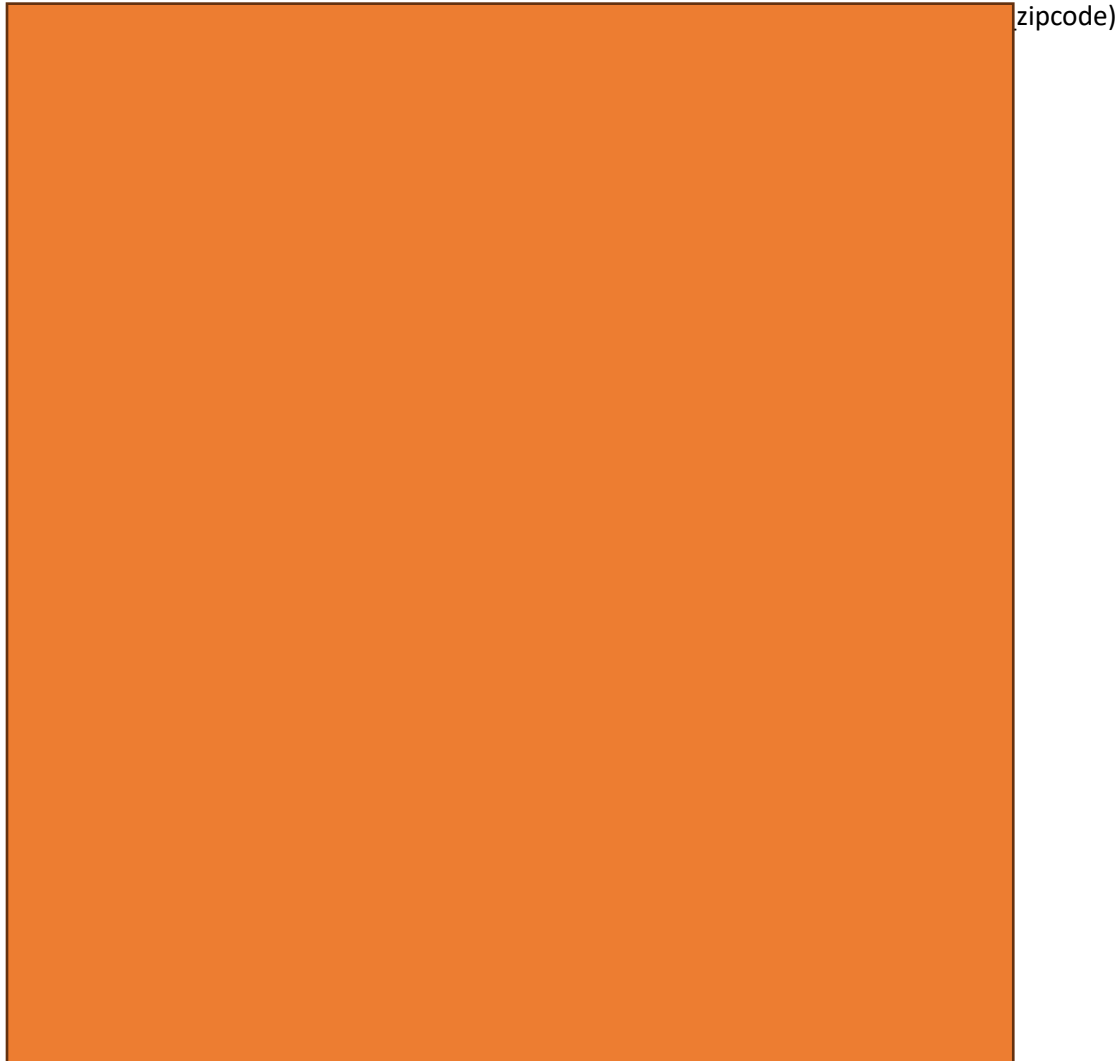


```
('Elizabeth', 'Garcia'),
('Daniel', 'Martinez'),
('Sophia', 'Lopez'),
```



('Matthew', 'Hernandez'),  
('Olivia', 'Gonzalez'),  
('David', 'Perez');

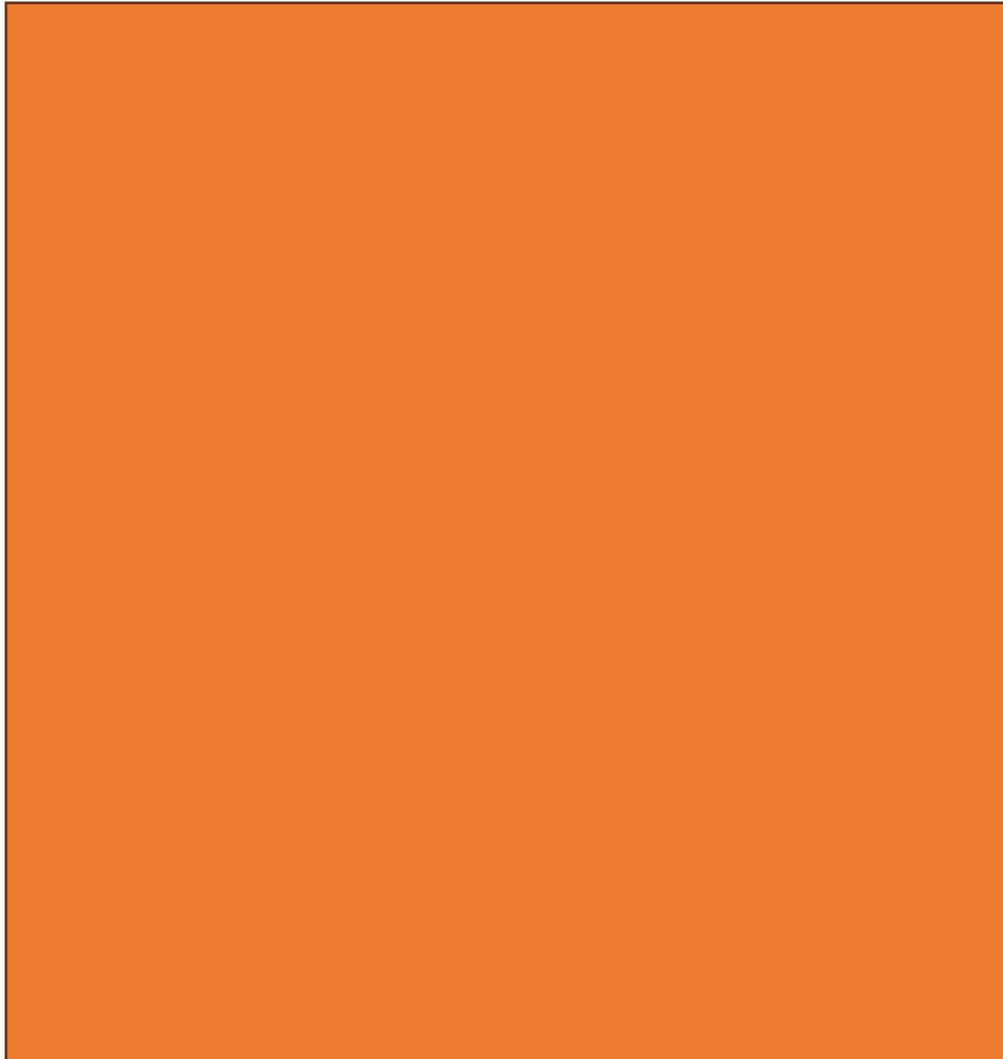
GO



('ING003', 'Cheese', 200, 'grams', 3.75),  
('ING004', 'Pepperoni', 150, 'grams', 2.25),  
('ING005', 'Mozzarella', 300, 'grams', 4.50),  
('ING006', 'Tomatoes', 400, 'grams', 1.25),  
('ING007', 'Onions', 150, 'grams', 0.75),

('ING008', 'Mushrooms', 200, 'grams', 1.80),  
( 'ING009', 'Basil', 50, 'grams', 0.50);

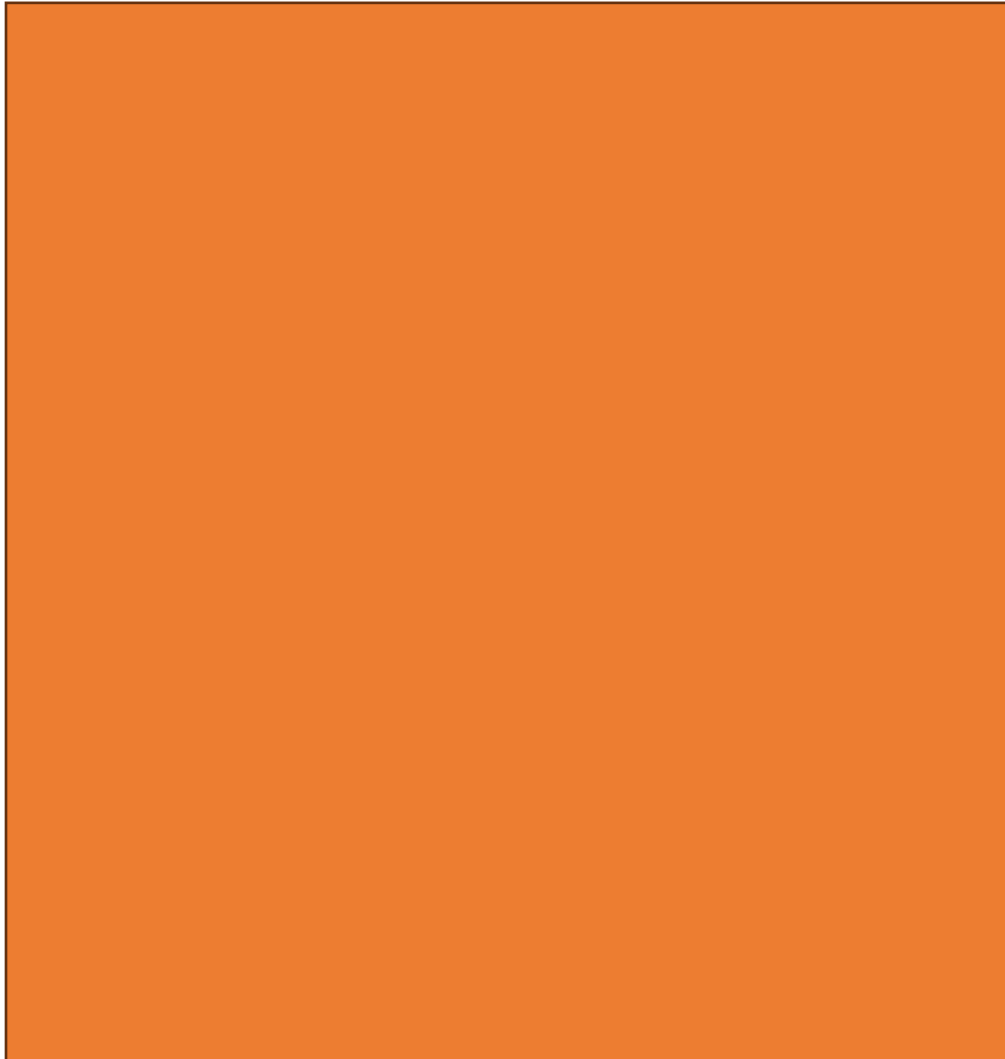
GO



('SHIFT002', 'Tuesday', '10:00:00', '18:00:00'),  
( 'SHIFT003', 'Wednesday', '12:00:00', '20:00:00'),  
( 'SHIFT004', 'Thursday', '14:00:00', '22:00:00'),  
( 'SHIFT005', 'Friday', '16:00:00', '00:00:00'),  
('SHIFT006', 'Saturday', '09:00:00', '17:00:00'),  
( 'SHIFT007', 'Sunday', '11:00:00', '19:00:00'),

('SHIFT008', 'Monday', '14:00:00', '22:00:00'),  
( 'SHIFT009', 'Tuesday', '16:00:00', '00:00:00'),  
( 'SHIFT010', 'Wednesday', '18:00:00', '02:00:00');

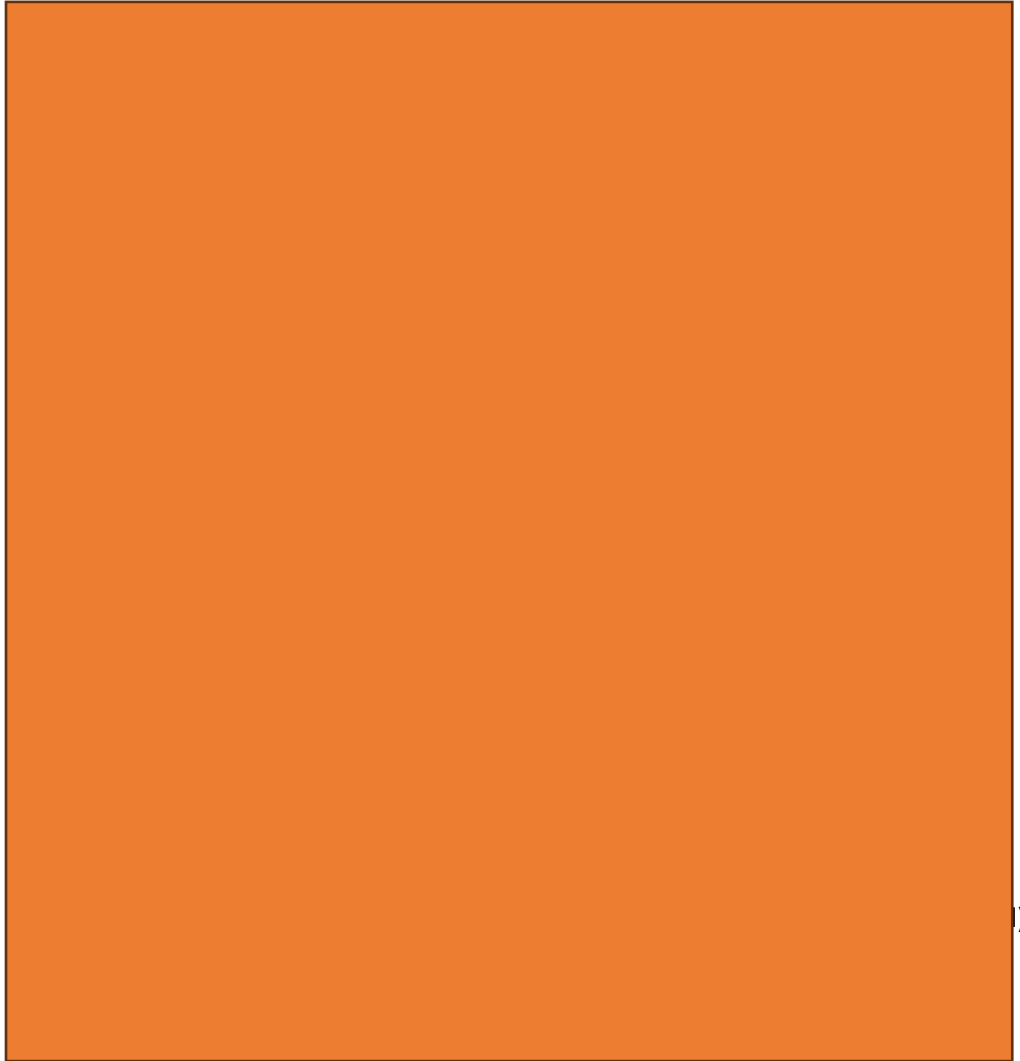
GO



('ITEM001', 'PIZZA001', 'Cheese Pizza', 'Pizza', 'Medium', 10.00),  
( 'ITEM002', 'PIZZA002', 'Pepperoni Pizza', 'Pizza', 'Large', 12.50),  
( 'ITEM003', 'PIZZA004', 'Vegetarian Pizza', 'Pizza', 'Small', 9.00),  
( 'ITEM004', 'PIZZA003', 'Garden Salad', 'Salad', 'Regular', 5.00),  
( 'ITEM005', 'PIZZA006', 'Chocolate Cake', 'Dessert', 'Slice', 4.50),  
('ITEM006', 'PIZZA005', 'Caesar Salad', 'Salad', 'Regular', 6.00),

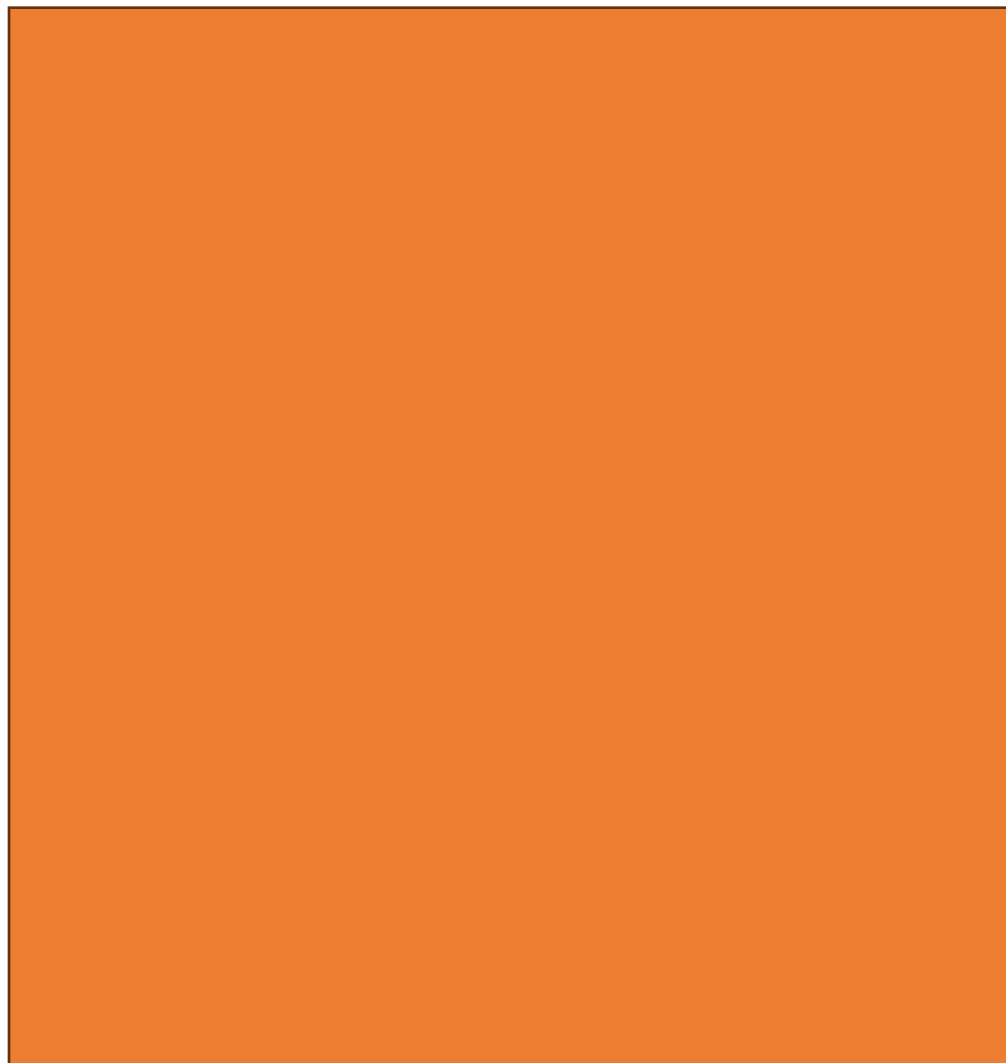
('ITEM007', 'PIZZA008', 'Bacon Pizza', 'Pizza', 'Large', 13.50),  
('ITEM008', 'PIZZA007', 'Meat Lover Pizza', 'Pizza', 'Small', 10.50),  
('ITEM009', 'PIZZA009', '4 Seasons Pizza', 'Pizza', 'Large', 14.00);

GO



('ORDER002', '2023-07-25 18:15:00', 'ITEM002', 1, 2, 0, 2),  
('ORDER003', '2023-07-25 19:45:00', 'ITEM003', 3, 3, 1, 3),  
('ORDER004', '2023-07-25 20:30:00', 'ITEM004', 1, 4, 0, 4),  
('ORDER005', '2023-07-25 21:00:00', 'ITEM005', 2, 5, 1, 5),  
('ORDER006', '2023-07-26 12:30:00', 'ITEM006', 2, 6, 1, 6),

('ORDER007', '2023-07-26 18:15:00', 'ITEM007', 1, 7, 0, 7),  
('ORDER008', '2023-07-27 19:45:00', 'ITEM008', 3, 8, 1, 8),  
('ORDER009', '2023-07-27 20:30:00', 'ITEM009', 1, 9, 0, 9),  
('ORDER010', '2023-07-28 21:00:00', 'ITEM004', 2, 10, 1, 3),  
('ORDER021', '2023-08-01 12:30:00', 'ITEM001', 2, 1, 1, 1),  
('ORDER022', '2023-08-01 18:15:00', 'ITEM002', 1, 2, 0, 2),  
('ORDER023', '2023-08-01 19:45:00', 'ITEM003', 3, 3, 1, 3),  
('ORDER024', '2023-08-02 20:30:00', 'ITEM004', 1, 4, 0, 4),



```
INSERT INTO work_schedule (schedule_id, date, shift_id, staff_id)
VALUES
```

('SCH001', '2023-07-25 19:45:00', 'SHIFT001', 'STAFF001'),  
('SCH002', '2023-08-01 12:30:00', 'SHIFT002', 'STAFF002'),  
('SCH003', '2023-07-27 20:30:00', 'SHIFT003', 'STAFF003'),  
('SCH004', '2023-08-01 18:15:00', 'SHIFT004', 'STAFF004'),  
('SCH005', '2023-08-02 21:00:00', 'SHIFT005', 'STAFF005'),  
('SCH006', '2023-08-04 20:30:00', 'SHIFT006', 'STAFF006'),  
('SCH007', '2023-07-29 18:15:00', 'SHIFT007', 'STAFF007'),  
('SCH008', '2023-07-30 12:30:00', 'SHIFT008', 'STAFF008'),  
('SCH009', '2023-07-31 20:30:00', 'SHIFT009', 'STAFF009'),  
('SCH010', '2023-07-31 21:00:00', 'SHIFT010', 'STAFF010');

GO

