

View 1

```
107 --View1
108 --Shows which items were ordered, how many and who took it. Along with delivery date
109 CREATE OR REPLACE VIEW stockItemOrder AS
110 SELECT si.orderlineItem AS Item, si.num_ordered AS Num_Ordered, i.order_placerfirstname || ' ' || i.order_placerlastname AS Order_Taker,
111 i.order_deliverydate AS Delivery_Date
112 FROM stock_itemorder si JOIN itemorder i
113 ON si.order_id = i.order_id
114 ORDER BY 1;
115 SELECT * FROM stockItemOrder;
```

ITEM	NUM_ORDERED	ORDER_TAKER	DELIVERY_DATE
1 Chicken Breast	12	James Willems	26-JAN-19
2 Iceberg Lettuce	20	Bruce Greene	20-JAN-19
3 Pastrami	8	Adam Kovic	22-JAN-19
4 Rye Bread	5	Lawrence Sonntag	29-JAN-19
5 Spam	5	Bruce Greene	25-JAN-19
6 Tomato	20	Bruce Greene	19-JAN-19
7 Turkey	6	Lawrence Sonntag	24-JAN-19
8 White Bread	10	Bruce Greene	27-JAN-19

View 2






```
119 --View2
120 --The view display as items with their info
121 CREATE OR REPLACE VIEW itemInfo AS
122 SELECT stockitem_name AS Item, MAX(ingredients_lost) AS Ing_Lost, MAX(ingredients_wasted) AS Ing_Wasted
123 FROM stock
124 GROUP BY stockitem_name
125 HAVING MAX(ingredients_lost)>0;
126 SELECT * FROM iteminfo;
```

ITEM	ING_LOST	ING_WASTED
1 Mayonnaise	1	0
2 Iceberg Lettuce	8	1
3 Tomato	3	5
4 Chicken Breast	2	4
5 Pastrami	2	0
6 Spam	10	8
7 White Bread	1	4
8 Turkey	3	2
9 Pumpernickel	1	2

Index

```
130  --INDEX
131  -- Indexing the meat type, because meat is very important on sandwiches
132  CREATE INDEX meat_type_idx
133      ON ingredients(meat_type);
```

Script Output x Query Result x

     | Task completed in 0.044 seconds

Index MEAT_TYPE_IDX created.