MEMO

FROM: Momodou lamin Keita Database Development
TO: Bill Cunningham
DATE: 14/12/15

<u>SUBJECT: DBAS 2200 ASSG 6</u>

Test Cases: 1

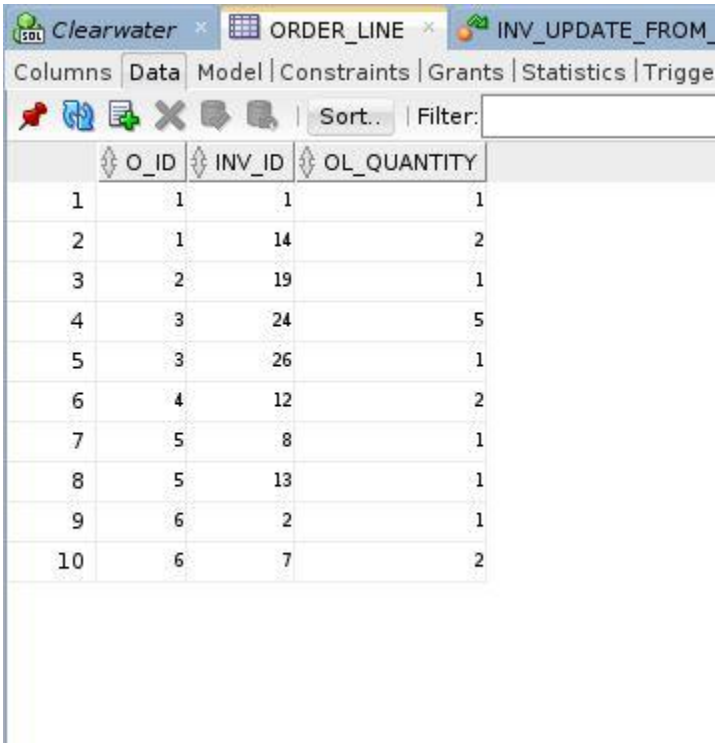
execute INV_CTL_PKG.INVENTORY_ORDERED(6, 29, 5);

Affected tables before execution

Inventory Table

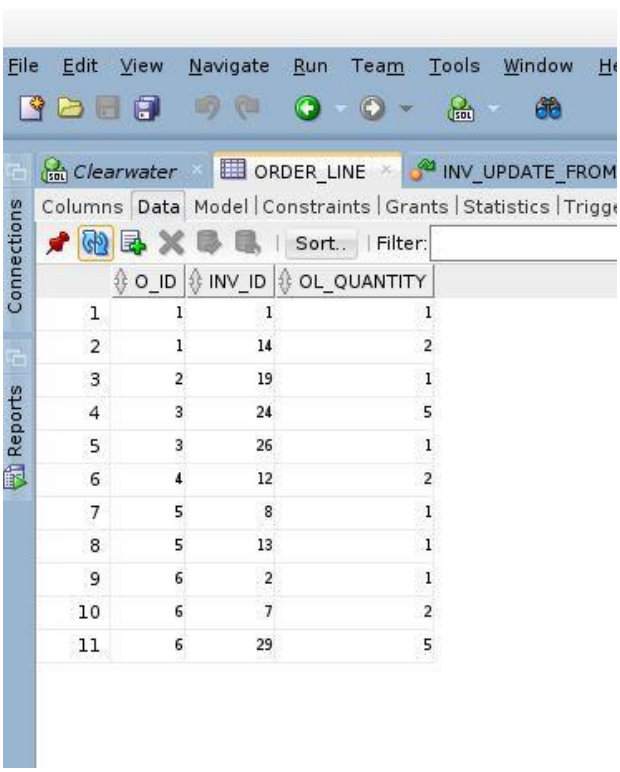
	INV_ID	ITEM_ID	COLOR	INV_SIZE	INV_PRICE	INV_QOH
14	14	4	Royal	L	59.95	112
15	15	5	Turquoise	10	15.99	121
16	16	5	Turquoise	11	15.99	111
17	17	5	Turquoise	12	15.99	113
18	18	5	Turquoise	1	15.99	121
19	19	5	Bright Pink	10	15.99	148
20	20	5	Bright Pink	11	15.99	137
21	21	5	Bright Pink	12	15.99	134
22	22	5	Bright Pink	1	15.99	123
23	23	1	Spruce	S	199.95	114
24	24	1	Spruce	M	199.95	21
25	25	1	Spruce	L	209.95	0
26	26	1	Spruce	XL	209.95	12
27	27	6	Blue	S	15.95	50
28	28	6	Blue	M	15.95	100
29	29	6	Blue	L	15.95	100
30	30	7	White	S	19.99	100
31	31	7	White	M	19.99	100
32	32	7	White	L	19.99	100

Order_line Table



	O_ID	INV_ID	OL_QUANTITY
1	1	1	1
2	1	14	2
3	2	19	1
4	3	24	5
5	3	26	1
6	4	12	2
7	5	8	1
8	5	13	1
9	6	2	1
10	6	7	2

After execution



	O_ID	INV_ID	OL_QUANTITY
1	1	1	1
2	1	14	2
3	2	19	1
4	3	24	5
5	3	26	1
6	4	12	2
7	5	8	1
8	5	13	1
9	6	2	1
10	6	7	2
11	6	29	5

Inventory

Clearwater | INVENTORY | INV_UPDATE_FROM_RCV | INV_UPDATE_

Columns | Data | Model | Constraints | Grants | Statistics | Triggers | Flashback | Depende

Sort.. | Filter:

	INV_ID	ITEM_ID	COLOR	INV_SIZE	INV_PRICE	INV_QOH
14	14	4	Royal	L	59.95	112
15	15	5	Turquoise	10	15.99	121
16	16	5	Turquoise	11	15.99	111
17	17	5	Turquoise	12	15.99	113
18	18	5	Turquoise	1	15.99	121
19	19	5	Bright Pink	10	15.99	148
20	20	5	Bright Pink	11	15.99	137
21	21	5	Bright Pink	12	15.99	134
22	22	5	Bright Pink	1	15.99	123
23	23	1	Spruce	S	199.95	114
24	24	1	Spruce	M	199.95	21
25	25	1	Spruce	L	209.95	0
26	26	1	Spruce	XL	209.95	12
27	27	6	Blue	S	15.95	50
28	28	6	Blue	M	15.95	100
29	29	6	Blue	L	15.95	95
30	30	7	White	S	19.99	100
31	31	7	White	M	19.99	100
32	32	7	White	L	19.99	100

Test Cases: 2

execute INV_CTL_PKG.CHANGED_MY_MIND(6, 7, 2);

Affected tables before execution

Inventory

	INV_ID	ITEM_ID	COLOR	INV_SIZE	INV_PRICE	INV_QOH
1	1	2	Sky Blue	(null)	259.99	16
2	2	2	Light Grey	(null)	259.99	12
3	3	3	Khaki	S	29.95	150
4	4	3	Khaki	M	29.95	147
5	5	3	Khaki	L	29.95	0
6	6	3	Navy	S	29.95	139
7	7	3	Navy	M	29.95	136
8	8	3	Navy	L	29.95	115
9	9	4	Eggplant	S	59.95	135
10	10	4	Eggplant	M	59.95	168
11	11	4	Eggplant	L	59.95	187
12	12	4	Royal	S	59.95	0
13	13	4	Royal	M	59.95	124
14	14	4	Royal	L	59.95	112
15	15	5	Turquoise	10	15.99	121
16	16	5	Turquoise	11	15.99	111
17	17	5	Turquoise	12	15.99	113
18	18	5	Turquoise	1	15.99	121
19	19	5	Bright Pink	10	15.99	148

Order_Line

Clearwater | INV_CTL_PKG Body | INV_CT

Columns | Data | Model | Constraints | Grants | Statistics | T

Sort.. | Filter:

	O_ID	INV_ID	OL_QUANTITY
1	1	1	1
2	1	14	2
3	2	19	1
4	3	24	5
5	3	26	1
6	4	12	2
7	5	8	1
8	5	13	1
9	6	2	1
10	6	7	3

After Execution

Columns | Data | Model | Constraints | Grants | Statistics | Triggers | Flashback | Dependenc

Sort.. | Filter:

	INV_ID	ITEM_ID	COLOR	INV_SIZE	INV_PRICE	INV_QOH
1	1	2	Sky Blue	(null)	259.99	16
2	2	2	Light Grey	(null)	259.99	12
3	3	3	Khaki	S	29.95	150
4	4	3	Khaki	M	29.95	147
5	5	3	Khaki	L	29.95	0
6	6	3	Navy	S	29.95	139
7	7	3	Navy	M	29.95	137
8	8	3	Navy	L	29.95	115
9	9	4	Eggplant	S	59.95	135
10	10	4	Eggplant	M	59.95	168
11	11	4	Eggplant	L	59.95	187
12	12	4	Royal	S	59.95	0
13	13	4	Royal	M	59.95	124
14	14	4	Royal	L	59.95	112
15	15	5	Turquoise	10	15.99	121
16	16	5	Turquoise	11	15.99	111
17	17	5	Turquoise	12	15.99	113
18	18	5	Turquoise	1	15.99	121
19	19	5	Bright Pink	10	15.99	148

Clearwater | INV_CTL_PKG Body

Columns | Data | Model | Constraints | Grants | Sta

Sort.. | Filter:

	O_ID	INV_ID	OL_QUANTITY
1	1	1	1
2	1	14	2
3	2	19	1
4	3	24	5
5	3	26	1
6	4	12	2
7	5	8	1
8	5	13	1
9	6	2	1
10	6	7	2

Test Cases: 3

execute INV_CTL_PKG.SHIPMENT_RECEIVED(3, 7, 100,SYSDATE);

Affected tables before execution

Clearwater | INVENTORY

Columns | Data | Model | Constraints | Grants | Statistics | Triggers | Flashback | Dependencies | Det

Sort.. | Filter:

	INV_ID	ITEM_ID	COLOR	INV_SIZE	INV_PRICE	INV_QOH
1	1	2	Sky Blue	(null)	259.99	16
2	2	2	Light Grey	(null)	259.99	12
3	3	3	Khaki	S	29.95	150
4	4	3	Khaki	M	29.95	147
5	5	3	Khaki	L	29.95	0
6	6	3	Navy	S	29.95	139
7	7	3	Navy	M	29.95	136
8	8	3	Navy	L	29.95	115
9	9	4	Eggplant	S	59.95	135
10	10	4	Eggplant	M	59.95	168
11	11	4	Eggplant	L	59.95	187
12	12	4	Royal	S	59.95	0
13	13	4	Royal	M	59.95	124
14	14	4	Royal	L	59.95	112
15	15	5	Turquoise	10	15.99	121
16	16	5	Turquoise	11	15.99	111
17	17	5	Turquoise	12	15.99	113
18	18	5	Turquoise	1	15.99	121
19	19	5	Bright Pink	10	15.99	148

Clearwater | SHIPMENT_LINE

Columns | Data | Model | Constraints | Grants | Statistics | Triggers | Flashback

Sort.. | Filter:

	SHIP_ID	INV_ID	SL_QUANTITY	SL_DATE_RECEIVED
1	1	1	25	10-SEP-06
2	1	2	25	10-SEP-06
3	2	2	25	(null)
4	3	5	200	(null)
5	3	6	200	(null)
6	3	7	200	(null)
7	4	12	100	15-AUG-06
8	4	13	100	25-AUG-06
9	5	23	50	15-AUG-06
10	5	24	100	15-AUG-06
11	5	25	100	15-AUG-06

After Execution

test cases.sql | SHIPMENT_LINE | INV_UPDATE_FROM_RC

Columns | Data | Model | Constraints | Grants | Statistics | Triggers | Flashb

Sort.. | Filter:

	SHIP_ID	INV_ID	SL_QUANTITY	SL_DATE_RECEIVED
1	1	1	25	10-SEP-06
2	1	2	25	10-SEP-06
3	2	2	25	(null)
4	3	5	200	(null)
5	3	6	200	(null)
6	3	7	100	14-DEC-15
7	4	12	100	15-AUG-06
8	4	13	100	25-AUG-06
9	5	23	50	15-AUG-06
10	5	24	100	15-AUG-06
11	5	25	100	15-AUG-06

Data | Model | Constraints | Grants | Statistics | Triggers | Flashback | Dependencies |

Sort.. | Filter:

INV_ID	ITEM_ID	COLOR	INV_SIZE	INV_PRICE	INV_QOH
1	2	Sky Blue	(null)	259.99	16
2	2	Light Grey	(null)	259.99	12
3	3	Khaki	S	29.95	150
4	3	Khaki	M	29.95	147
5	3	Khaki	L	29.95	0
6	3	Navy	S	29.95	139
7	3	Navy	M	29.95	236
8	3	Navy	L	29.95	115
9	4	Eggplant	S	59.95	135
10	4	Eggplant	M	59.95	168
11	4	Eggplant	L	59.95	187
12	4	Royal	S	59.95	0
13	4	Royal	M	59.95	124
14	4	Royal	L	59.95	112
15	5	Turquoise	10	15.99	121
16	5	Turquoise	11	15.99	111
17	5	Turquoise	12	15.99	113
18	5	Turquoise	1	15.99	121
19	5	Bright Pink	10	15.99	148

ases.sql | Messages - Log

Test Cases: 3

execute INV_CTL_PKG.SHIPMENT_RECEIVED(3, 7, 100,SYSDATE);

Affected tables before execution

test cases.sql | INVENTORY | INV_UPDATE_FROM_RCV | INV_UPDAT

Columns | Data | Model | Constraints | Grants | Statistics | Triggers | Flashback | Depender

Sort.. | Filter:

	INV_ID	ITEM_ID	COLOR	INV_SIZE	INV_PRICE	INV_QOH
14	14	4	Royal	L	59.95	112
15	15	5	Turquoise	10	15.99	121
16	16	5	Turquoise	11	15.99	111
17	17	5	Turquoise	12	15.99	113
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19	19	5	Bright Pink	10	15.99	148
20	20	5	Bright Pink	11	15.99	137
21	21	5	Bright Pink	12	15.99	134
22	22	5	Bright Pink	1	15.99	123
23	23	1	Spruce	S	199.95	114
24	24	1	Spruce	M	199.95	21
25	25	1	Spruce	L	209.95	0
26	26	1	Spruce	XL	209.95	12
27	27	6	Blue	S	15.95	50
28	28	6	Blue	M	15.95	100
29	29	6	Blue	L	15.95	95
30	30	7	White	S	19.99	100
31	31	7	White	M	19.99	100
32	32	7	White	L	19.99	100

test cases.sql | SHIPMENT_LINE | INV_UPDATE_FROM_RCV

Columns | Data | Model | Constraints | Grants | Statistics | Triggers | Flashback

Sort.. | Filter:

	SHIP_ID	INV_ID	SL_QUANTITY	SL_DATE_RECEIVED
1	1	1	25	10-SEP-06
2	1	2	25	10-SEP-06
3	2	2	25	(null)
4	3	5	200	(null)
5	3	6	200	(null)
6	3	7	100	14-DEC-15
7	4	12	100	15-AUG-06
8	4	13	100	25-AUG-06
9	5	23	50	15-AUG-06
10	5	24	100	15-AUG-06
11	5	25	100	15-AUG-06

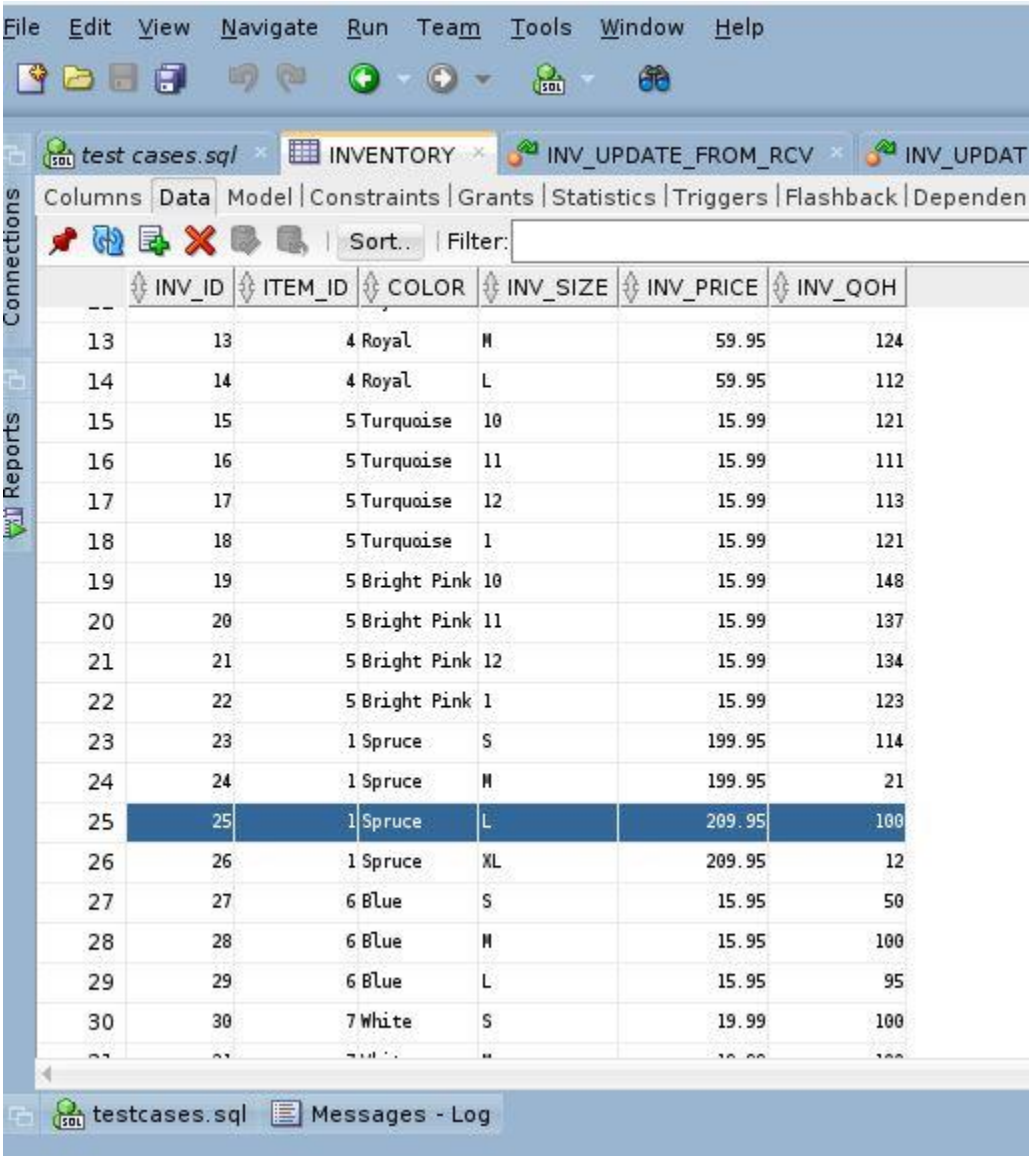
After Execution

test cases.sql | SHIPMENT_LINE | INV_UPDATE_FROM_RC

Columns | Data | Model | Constraints | Grants | Statistics | Triggers | Flash

Sort.. | Filter:

	SHIP_ID	INV_ID	SL_QUANTITY	SL_DATE_RECEIVED
1	1	1	25	10-SEP-06
2	1	2	25	10-SEP-06
3	2	2	25	(null)
4	3	5	200	(null)
5	3	6	200	(null)
6	3	7	100	14-DEC-15
7	4	12	100	15-AUG-06
8	4	13	100	25-AUG-06
9	5	23	50	15-AUG-06
10	5	24	100	15-AUG-06
11	5	25	100	15-AUG-06



	INV_ID	ITEM_ID	COLOR	INV_SIZE	INV_PRICE	INV_QOH
13	13	4	Royal	M	59.95	124
14	14	4	Royal	L	59.95	112
15	15	5	Turquoise	10	15.99	121
16	16	5	Turquoise	11	15.99	111
17	17	5	Turquoise	12	15.99	113
18	18	5	Turquoise	1	15.99	121
19	19	5	Bright Pink	10	15.99	148
20	20	5	Bright Pink	11	15.99	137
21	21	5	Bright Pink	12	15.99	134
22	22	5	Bright Pink	1	15.99	123
23	23	1	Spruce	S	199.95	114
24	24	1	Spruce	M	199.95	21
25	25	1	Spruce	L	209.95	100
26	26	1	Spruce	XL	209.95	12
27	27	6	Blue	S	15.95	50
28	28	6	Blue	M	15.95	100
29	29	6	Blue	L	15.95	95
30	30	7	White	S	19.99	100

RECOMMENDATION

I recommend the answers and justifications developed in the Analysis section above for satisfaction of the Statement of Requirement.