1. **//\*\*\*Select query to inquire for the outstanding inventory balance group by item and group by warehouse\*\*\*//**

**Select**

(select itemdesc from iwItemS where PK\_iwItemS = FK\_iwItems)[Item Description],

**a.FK\_iwItems as [Item ID],**

(select itemgroup from iwItemS where PK\_iwItems = fk\_iwitems) [Item Group],

dbo.udf\_getdepartmentname (**a.fk\_mscwarehouse) [Department],**

**SUM(a.qtyin)-SUM(a.qtyout) as [Invty Balance-Ledger],**

**(select sum(purcqty+salesretqty+adjinqty+reqinqty+prodqty+issinqty+purcretinqty)-**

**sum(purcretqty+salesqty+adjoutqty+reqoutqty+prodoutqty+issoutqty+purcoutqty) from iwItemLedgerDaily where FK\_iwItems = a.FK\_iwItems and FK\_mscWarehouse = a.FK\_mscWarehouse) as [Invty Balance-Daily],**

**(select sum(purcqty+salesretqty+adjinqty+reqinqty+prodqty+issinqty+purcretinqty)-**

**sum(purcretqty+salesqty+adjoutqty+reqoutqty+prodoutqty+issoutqty+purcoutqty) from iwWareitem where FK\_iwItems = a.FK\_iwItems and FK\_mscWarehouse = a.FK\_mscWarehouse) as [Invty Balance-Wareitem]**

**from iwItemLedger a**

**where a.cancelflag <> 1**

**group by a.FK\_iwItems, a.FK\_mscWarehouse**

**order by a.FK\_iwItems, a.FK\_mscWarehouse**

//\*\*\*Inquiry for inventory balance specifically to an item and warehouse\*\*\*//

select

sum(purcqty+salesretqty+adjinqty+reqinqty+prodqty+issinqty+purcretinqty) -

sum(purcretqty+salesqty+adjoutqty+reqoutqty+prodoutqty+issoutqty+purcoutqty) as [InvtyBalance-ledgerDaily]

from iwItemLedgerDaily

where FK\_iwItems = <@itemid>

and FK\_mscWarehouse= <departmentcode>

and refdate > <@cut-off date>

select SUM(qtyin) - SUM(qtyout) as [InvtyBalance-ledger]

from iwItemLedger

where cancelflag <> 1

and FK\_iwItems = <@itemid>

and FK\_mscWarehouse= <@departmentcode>

and regdate > <@cut-off date>

select

sum(purcqty+salesretqty+adjinqty+reqinqty+prodqty+issinqty+purcretinqty)-

sum(purcretqty+salesqty+adjoutqty+reqoutqty+prodoutqty+issoutqty+purcoutqty) as [Inventory Balance]

from iwWareitem

where FK\_iwItems = <@itemid>

and FK\_mscWarehouse= <@departmentcode>

1. //\*\*\*Script to update inventory qty into zero for the preparation of physical count recording\*\*\*//

select qtyin, qtyout, \* from iwItemLedger

where regdate <= *<@cut-off date>*

--update iwitemledger set qtyin = '0.00', qtyout = '0.00'

where regdate <= *<@cut-off date>*

select \* from iwItemLedgerDaily

where refdate <= *<@cut-off date>*

--update iwitemledgerdaily set

purcqty='0.00',

purcretqty='0.00',

salesqty='0.00',

salesretqty='0.00',

adjinqty='0.00',

adjoutqty='0.00',

reqinqty='0.00',

reqoutqty='0.00',

prodqty='0.00',

prodoutqty='0.00',

issoutqty='0.00',

issinqty='0.00',

purcoutqty='0.00',

purcretinqty='0.00',

actualqty = '0.00'

select \* from iwWareitem

--update iwWareitem set

purcqty='0.00',

purcretqty='0.00',

salesqty='0.00',

salesretqty='0.00',

adjinqty='0.00',

adjoutqty='0.00',

reqinqty='0.00',

reqoutqty='0.00',

prodqty='0.00',

prodoutqty='0.00',

issoutqty='0.00',

issinqty='0.00',

purcoutqty='0.00',

purcretinqty='0.00',

actualqty = '0.00'

1. //\*\*\*Query to get transactions that causes iwItemLedgerDaily not to balance with iwItemLedger\*\*\*//

Select

a.refdate,

a.FK\_iwItems,

sum(a.purcqty+a.salesretqty+a.adjinqty+a.reqinqty+a.prodqty+a.issinqty+a.purcretinqty) as DailyQTyIn,

sum(a.purcretqty+a.salesqty+a.adjoutqty+a.reqoutqty+a.prodoutqty+a.issoutqty+a.purcoutqty) as DailyQTyOut,

sum(a.purcqty+a.salesretqty+a.adjinqty+a.reqinqty+a.prodqty+a.issinqty+a.purcretinqty) -

sum(a.purcretqty+a.salesqty+a.adjoutqty+a.reqoutqty+a.prodoutqty+a.issoutqty+a.purcoutqty) as DailyBalance,

(select SUM(qtyin) from iwitemledger where convert(varchar,regdate,101) = a.refdate and FK\_mscWarehouse = *<@departmentcode>* and FK\_iwItems = a.FK\_iwItems and cancelflag <> 1) as LedgerIn,

(select SUM(qtyout) from iwitemledger where convert(varchar,regdate,101) = a.refdate and FK\_mscWarehouse = *<@departmentcode>* and FK\_iwItems = a.FK\_iwItems and cancelflag <> 1) as LedgerOut,

(select SUM(qtyin) from iwitemledger where convert(varchar,regdate,101) = a.refdate and FK\_mscWarehouse = *<@departmentcode>* and FK\_iwItems = a.FK\_iwItems and cancelflag <> 1) -

(select SUM(qtyout) from iwitemledger where convert(varchar,regdate,101) = a.refdate and FK\_mscWarehouse = *<@departmentcode>* and FK\_iwItems = a.FK\_iwItems and cancelflag <> 1) as LedgerBalance

from iwItemLedgerDaily a

where a.refdate > *<@cut-off date>*

and a.FK\_mscWarehouse = *<@departmentcode>*

group by a.refdate, a.FK\_iwItems

having

((sum(a.purcqty+a.salesretqty+a.adjinqty+a.reqinqty+a.prodqty+a.issinqty+a.purcretinqty) -

sum(a.purcretqty+a.salesqty+a.adjoutqty+a.reqoutqty+a.prodoutqty+a.issoutqty+a.purcoutqty)) <>

(select SUM(qtyin) from iwitemledger where convert(varchar,regdate,101) = a.refdate and FK\_mscWarehouse = *<@departmentcode>* and FK\_iwItems = a.FK\_iwItems and cancelflag <> 1) -

(select SUM(qtyout) from iwitemledger where convert(varchar,regdate,101) = a.refdate and FK\_mscWarehouse = *<@departmentcode>* and FK\_iwItems = a.FK\_iwItems and cancelflag <> 1))

//\*\*\*Update iwItemLedgerDaily to balance with iwItemLedger\*\*\*//

Update iwitemledgerdaily

set adjinqty = *<if variance of LedgerBalance less DailyBalance equals positive,otherwise use adjoutqty>*

where FK\_iwItems = *<@itemid>*

and FK\_mscWarehouse = *<@departmentcode>*

and refdate = *<@refdate>*

*Note: Updating table iwItemLedgerDaily will be per refdate basis to completely correct the variance. DailyBalance must equal from LedgerBalance.*

1. //\*\*\*\*Select query to check on the balance of iwItemLedgerDaily vs. iwWareitem per specific item and warehouse\*\*\*\*//

select

fk\_mscwarehouse as [Department],

fk\_iwitems as [Item ID],

sum (salesqty) as Sales,

sum (salesretqty) as [Credit Notes],

sum (purcqty) as [Deliveries],

sum (purcretqty) as [Cancelled Deliveries],

sum (purcoutqty) as [Purchase Returns],

sum (purcretinqty) as [Cancelled Deliveries],

sum (reqinqty) as [Stock Transfer],

sum (reqoutqty) as [Cancelled Stock Transfer],

sum (issinqty) as [Expense Transfer],

sum (issoutqty) as [Cancelled Expense],

sum (prodqty) as [Mat Production],

sum (prodoutqty) as [Cancelled Production],

sum (adjinqty) as [Adjustment in],

sum (adjoutqty) as [Adjustment out]

from iwItemLedgerDaily

where FK\_iwItems = <@itemid>

and FK\_mscWarehouse = <@departmentcode>

group by FK\_mscWarehouse, FK\_iwItems

select

fk\_mscwarehouse as [Department],

fk\_iwitems as [Item ID],

salesqty as Sales,

salesretqty as [Credit Notes],

purcqty as [Deliveries],

purcretqty as [Cancelled Deliveries],

purcoutqty as [Purchase Returns],

purcretinqty as [Cancelled Deliveries],

reqinqty as [Stock Transfer],

reqoutqty as [Cancelled Stock Transfer],

issinqty as [Expense Transfer],

issoutqty as [Cancelled Expense],

prodqty as [Mat Production],

prodoutqty as [Cancelled Production],

adjinqty as [Adjustment in],

adjoutqty as [Adjustment out]

from iwWareitem

where fk\_iwitems in (select FK\_iwItems = <@itemid> from iwitemledgerDaily)

and FK\_mscWarehouse in (select FK\_mscWarehouse = <@departmentcode> from iwItemLedgerDaily)

order by fk\_iwitems, FK\_mscWarehouse

//\*\*\*UPDATE iwWareitem to balance with iwItemLedgerDaily\*\*\*//

update iwWareitem

set iwWareitem.salesqty = (select sum(salesqty)from iwItemLedgerDaily where FK\_iwItems = iwWareitem.FK\_iwItems and FK\_mscWarehouse = iwWareitem.FK\_mscWarehouse),

iwWareitem.salesretqty = (select sum(salesretqty)from iwItemLedgerDaily where FK\_iwItems = iwWareitem.FK\_iwItems and FK\_mscWarehouse = iwWareitem.FK\_mscWarehouse),

iwWareitem.purcqty = (select sum(purcqty)from iwItemLedgerDaily where FK\_iwItems = iwWareitem.FK\_iwItems and FK\_mscWarehouse = iwWareitem.FK\_mscWarehouse),

iwWareitem.purcretqty = (select sum(purcretqty)from iwItemLedgerDaily where FK\_iwItems = iwWareitem.FK\_iwItems and FK\_mscWarehouse = iwWareitem.FK\_mscWarehouse),

iwWareitem.purcoutqty = (select sum(purcoutqty)from iwItemLedgerDaily where FK\_iwItems = iwWareitem.FK\_iwItems and FK\_mscWarehouse = iwWareitem.FK\_mscWarehouse),

iwWareitem.purcretinqty = (select sum(purcretinqty)from iwItemLedgerDaily where FK\_iwItems = iwWareitem.FK\_iwItems and FK\_mscWarehouse = iwWareitem.FK\_mscWarehouse),

iwWareitem.reqinqty = (select sum(reqinqty)from iwItemLedgerDaily where FK\_iwItems = iwWareitem.FK\_iwItems and FK\_mscWarehouse = iwWareitem.FK\_mscWarehouse),

iwWareitem.reqoutqty = (select sum(reqoutqty)from iwItemLedgerDaily where FK\_iwItems = iwWareitem.FK\_iwItems and FK\_mscWarehouse = iwWareitem.FK\_mscWarehouse),

iwWareitem.issinqty = (select sum(issinqty)from iwItemLedgerDaily where FK\_iwItems = iwWareitem.FK\_iwItems and FK\_mscWarehouse = iwWareitem.FK\_mscWarehouse),

iwWareitem.issoutqty = (select sum(issoutqty)from iwItemLedgerDaily where FK\_iwItems = iwWareitem.FK\_iwItems and FK\_mscWarehouse = iwWareitem.FK\_mscWarehouse),

iwWareitem.prodqty = (select sum(prodqty)from iwItemLedgerDaily where FK\_iwItems = iwWareitem.FK\_iwItems and FK\_mscWarehouse = iwWareitem.FK\_mscWarehouse),

iwWareitem.prodoutqty = (select sum(prodoutqty)from iwItemLedgerDaily where FK\_iwItems = iwWareitem.FK\_iwItems and FK\_mscWarehouse = iwWareitem.FK\_mscWarehouse),

iwWareitem.adjinqty = (select sum(adjinqty)from iwItemLedgerDaily where FK\_iwItems = iwWareitem.FK\_iwItems and FK\_mscWarehouse = iwWareitem.FK\_mscWarehouse),

iwWareitem.adjoutqty = (select sum(adjoutqty)from iwItemLedgerDaily where FK\_iwItems = iwWareitem.FK\_iwItems and FK\_mscWarehouse = iwWareitem.FK\_mscWarehouse)

from iwWareitem

inner join iwItemLedgerDaily on iwWareitem.FK\_iwItems = iwItemLedgerDaily.FK\_iwItems and iwWareitem.FK\_mscWarehouse = iwItemLedgerDaily.FK\_mscWarehouse

where iwWareitem.FK\_iwItems = <@itemid>

and iwWareitem.FK\_mscWarehouse = <@departmentcode>

*Notes: If you run this update query, make sure that the bizbox is temporarily not in use. It is to avoid inventory movements that will conflict with the quantities you are updating.*

Procedures to follow to correct the inventory balance before physical count posting:

1. The 3 related tables (iwItemLedger, iwItemLedgerDaily, iwWareitem) should have all equal balances reflected. You can use the script in letter A to check; **//\*\*\*Select query to inquire for the outstanding inventory balance group by item and group by warehouse\*\*\*// or** //\*\*\*Inquiry for inventory balance specifically to an item and warehouse\*\*\*// if you want specific item and warehouse.

2. Run the clean-up script to zero out qty for the preparation of actual count before posting using PC module. (Script in letter B; //\*\*\*Script to update inventory qty into zero for the preparation of physical count recording\*\*\*//)

\*\*\*Assuming there will be a cut-off date of cleaning up the qty.

Effect:

a. Table iwWareitem will reflect zero qty to all items.

3. Need to identify the transactions that causes iwItemLedgerDaily not to balance with iwItemLedger. Run the query in letter C; //\*\*\*Query to get transactions that causes iwItemLedgerDaily not to balance with iwItemLedger\*\*\*//

4. Then correct those transactions by updating those affected data. Run the update query under letter C; //\*\*\*Update iwItemLedgerDaily to balance with iwItemLedger\*\*\*// (Please read the notes in red font.)

5. Lastly, you need to balance the quantity reflected from iwWareitem to correct all balances from the this table. Pattern the balances from iwItemLedgerDaily. Run the update query from letter D; //\*\*\*UPDATE iwWareitem to balance with iwItemLedgerDaily\*\*\*//.(Please read the notes in red font.)

6. You can also check the differences of iwWareitem and iwItemLedgerDaily to see what columns causes that variance. Check query in letter D: //\*\*\*\*Select query to check on the balance of iwItemLedgerDaily vs. iwWareitem per specific item and warehouse\*\*\*\*//

7. If done correcting all those variance of inventory balances as 3 tables is concern, you are now sure that the electronic stock card and inventory balances columns found on forms were balance and correct. Then, you can now post the physical count. Make it sure that all departmental physical count has uniform reference date set.

8. Note to no.5, you will no longer run the script in letter D only if, you have clean up the quantities before your cut-off date comes. For example, your cut-off date has been set to July 1, on june 30 you have to run the script cleaning up the qty to make it zero then the physical count posted will be your beginning inventory on the system.