create table GRN(plant varchar(15), invno varchar(45), grndate date, gstinvno varchar(50),age int,agegrp varchar(30),salesval decimal(19,2),cgstamnt decimal(17,2), sgstamnt decimal(17,2), igstamnt decimal(17,2),drval decimal(17,2), matcode varchar(70),

custmatcode varchar(60),descptn varchar(300),quantity decimal(15,2),custpono varchar(50), cdate date, LRNo varchar(100),carrier varchar(200),podsts varchar(50), custcode varchar(30),custname varchar(100), custgrp varchar(50),created\_date date,updated\_date date)

create table GRN(plant varchar(15), devision varchar(50), acttype varchar(50), invno varchar(45), grndate date, gstinvno varchar(50),age int,agegrp varchar(30),salesval decimal(19,2),cgstamnt decimal(17,2), sgstamnt decimal(17,2), igstamnt decimal(17,2),drval decimal(17,2), matcode varchar(70),

custmatcode varchar(60),descptn varchar(300),quantity decimal(15,2),custpono varchar(50), cdate date, LRNo varchar(100),carrier varchar(200),podsts varchar(50), podblsts varchar(50), custcode varchar(30),custname varchar(100), custgrp varchar(50),created\_date date,updated\_date date)

drop table GRN

alter procedure proc\_GRN(@plant varchar(15), @devision varchar(50), @acttype varchar(50), @invno varchar(45), @grndate varchar(30), @gstinvno varchar(50),@age int,@agegrp varchar(30),@salesval decimal(19,2),@cgstamnt decimal(17,2), @sgstamnt decimal(17,2), @igstamnt decimal(17,2), @drval decimal(17,2), @matcode varchar(70),

@custmatcode varchar(60), @descptn varchar(300),@quantity decimal(15,2),@custpono varchar(50), @cdate date, @LRNo varchar(100),@carrier varchar(200), @podsts varchar(50), @podblsts varchar(50), @custcode varchar(30), @custname varchar(100), @custgrp varchar(50),@created\_date date, @updated\_date date, @Option varchar(150))

AS

IF (@Option='getGRN')

BEGIN

select \* from GRN

END

ELSE IF (@Option='Insert')

BEGIN

Insert into GRN(plant, invno, grndate, gstinvno, age, agegrp, salesval, cgstamnt, sgstamnt, igstamnt, drval, matcode,

custmatcode, descptn, quantity,custpono, cdate, LRNo,carrier, podsts, podblsts, custcode, custname, custgrp,created\_date)

values (@plant, @invno, CONVERT(datetime,@grndate,103), @gstinvno, @age, @agegrp, @salesval, @cgstamnt, @sgstamnt, @igstamnt, @drval, @matcode,

@custmatcode, @descptn, @quantity,@custpono, CONVERT(datetime,@cdate,103), @LRNo,@carrier, @podsts,@podblsts, @custcode, @custname, @custgrp,CONVERT(datetime,@created\_date,103))

END

ELSE IF (@Option='Update')

BEGIN

Update GRN set plant=@plant, invno=@invno, grndate=CONVERT(datetime,@grndate,103), gstinvno=@gstinvno, age=@age, agegrp=@agegrp, salesval=@salesval, cgstamnt=@cgstamnt,

sgstamnt=@sgstamnt, igstamnt=@igstamnt, drval=@drval, matcode=@matcode,custmatcode=@custmatcode, descptn=@descptn, quantity=@quantity,custpono=@custpono,

cdate=CONVERT(datetime,@cdate,103), LRNo=@LRNo,carrier=@carrier, podsts=@podsts,@podblsts=@podblsts, custname=@custname, custgrp=@custgrp,created\_date=CONVERT(datetime,@created\_date,103) where custcode=@custcode

END

V1.

create table GRN(plant varchar(15), devision varchar(50), acttype varchar(50), invno varchar(45), grndate date, gstinvno varchar(50),age int,agegrp varchar(30),salesval decimal(19,2),cgstamnt decimal(17,2), sgstamnt decimal(17,2), igstamnt decimal(17,2),drval decimal(17,2), matcode varchar(70),

custmatcode varchar(60),descptn varchar(300),quantity decimal(15,2),custpono varchar(50), cdate date, LRNo varchar(100),carrier varchar(200),podsts varchar(50), podblsts varchar(50), custcode varchar(30),custname varchar(100), custgrp varchar(50),created\_date date,updated\_date date)

alter procedure proc\_GRN(@plant varchar(15), @devision varchar(50), @acttype varchar(50), @invno varchar(45), @grndate varchar(30), @gstinvno varchar(50),@age int,@agegrp varchar(30),@salesval decimal(19,2),@cgstamnt decimal(17,2), @sgstamnt decimal(17,2), @igstamnt decimal(17,2), @drval decimal(17,2), @matcode varchar(70),

@custmatcode varchar(60), @descptn varchar(300),@quantity decimal(15,2),@custpono varchar(50), @cdate varchar(30), @LRNo varchar(100),@carrier varchar(200), @podsts varchar(50), @podblsts varchar(50), @custcode varchar(30), @custname varchar(100), @custgrp varchar(50),@created\_date varchar(30), @updated\_date varchar(30), @Option varchar(150))

AS

IF (@Option='getGRN')

BEGIN

select \* from GRN

END

ELSE IF (@Option='GetgrnEmptyVal')

BEGIN

select \*

from

(

select custgrp, isnull(salesval, 0) as sales, agegrp

from GRN where podblsts is null

) src

pivot

(

sum(sales)

for agegrp in ([0-10], [11-20],[21-30],[31-45],[46-60],[61-90],[91-180],[>181 Days - 365],[Above 365 day])

) piv;

END

ELSE IF (@Option='GetgrnNoEmptyVal')

BEGIN

select \*

from

(

select custgrp,salesval as sales, agegrp

from GRN where podblsts is not null

) src

pivot

(

sum(sales)

for agegrp in ([0-10], [11-20],[21-30],[31-45],[46-60],[61-90],[91-180],[>181 Days - 365],[Above 365 day])

) piv;

END

ELSE IF (@Option='GetgrnEmptyValDet')

BEGIN

select plant,devision, acttype, invno, convert(varchar,grndate,103) as grndate, custcode, custname, custgrp, gstinvno, age, agegrp, salesval, cgstamnt, sgstamnt, igstamnt,

drval,podsts, matcode, custmatcode, descptn, quantity,custpono, convert(varchar,cdate,103) as cdate, LRNo,carrier, podblsts from GRN where custgrp=@custgrp and podblsts is null

END

ELSE IF (@Option='GetgrnNoEmptyValDet')

BEGIN

select plant,devision, acttype, invno, convert(varchar,grndate,103) as grndate, custcode, custname, custgrp, gstinvno, age, agegrp, salesval, cgstamnt, sgstamnt, igstamnt,

drval,podsts, matcode, custmatcode, descptn, quantity,custpono, convert(varchar,cdate,103) as cdate, LRNo,carrier, podblsts from GRN where custgrp=@custgrp and podblsts is not null

END

ELSE IF (@Option='Insert')

BEGIN

Insert into GRN(plant, devision, acttype, invno, grndate, gstinvno, age, agegrp, salesval, cgstamnt, sgstamnt, igstamnt, drval, matcode,

custmatcode, descptn, quantity,custpono, cdate, LRNo,carrier, podsts, podblsts, custcode, custname, custgrp,created\_date)

values (@plant, @devision, @acttype, @invno, CONVERT(datetime,@grndate,103), @gstinvno, @age, @agegrp, @salesval, @cgstamnt, @sgstamnt, @igstamnt, @drval, @matcode,

@custmatcode, @descptn, @quantity,@custpono, CONVERT(datetime,@cdate,103), @LRNo,@carrier, @podsts,@podblsts, @custcode, @custname, @custgrp,CONVERT(datetime,@created\_date,103))

END

ELSE IF (@Option='Update')

BEGIN

Update GRN set plant=@plant, devision=@devision, acttype=@acttype, invno=@invno, grndate=CONVERT(datetime,@grndate,103), gstinvno=@gstinvno, age=@age, agegrp=@agegrp, salesval=@salesval, cgstamnt=@cgstamnt,

sgstamnt=@sgstamnt, igstamnt=@igstamnt, drval=@drval, matcode=@matcode,custmatcode=@custmatcode, descptn=@descptn, quantity=@quantity,custpono=@custpono,

cdate=CONVERT(datetime,@cdate,103), LRNo=@LRNo,carrier=@carrier, podsts=@podsts,@podblsts=@podblsts, custname=@custname, custgrp=@custgrp,updated\_date=CONVERT(datetime,@updated\_date,103) where custcode=@custcode

END

New TABLE

create table GRNDet(plant varchar(15), lineitem int, devision varchar(50), acttype varchar(50), invno varchar(45), grndate date, gstinvno varchar(50),age int,agegrp varchar(30),salesval decimal(19,2),cgstamnt decimal(17,2), sgstamnt decimal(17,2), igstamnt decimal(17,2),drval decimal(17,2), matcode varchar(70),

custmatcode varchar(60),descptn varchar(300),quantity decimal(15,2),custpono varchar(50), cdate date, LRNo varchar(100),carrier varchar(200),podsts varchar(50), podblsts varchar(50), custcode varchar(30),custname varchar(100), custgrp varchar(50),created\_date date,updated\_date date,

primary key(plant,invno, lineitem))

create procedure proc\_GRNDet(@plant varchar(15), @lineitem int, @devision varchar(50), @acttype varchar(50), @invno varchar(45), @grndate varchar(30), @gstinvno varchar(50),@age int,@agegrp varchar(30),@salesval decimal(19,2),@cgstamnt decimal(17,2), @sgstamnt decimal(17,2), @igstamnt decimal(17,2), @drval decimal(17,2), @matcode varchar(70),

@custmatcode varchar(60), @descptn varchar(300),@quantity decimal(15,2),@custpono varchar(50), @cdate varchar(30), @LRNo varchar(100),@carrier varchar(200), @podsts varchar(50), @podblsts varchar(50), @custcode varchar(30), @custname varchar(100), @custgrp varchar(50),@created\_date varchar(30), @updated\_date varchar(30), @Option varchar(150))

AS

IF (@Option='getGRN')

BEGIN

select \* from GRNDet

END

ELSE IF (@Option='GetgrnEmptyVal')

BEGIN

select \*

from

(

select custgrp, isnull(salesval, 0) as sales, agegrp

from GRNDet where podblsts is null

) src

pivot

(

sum(sales)

for agegrp in ([0-10], [11-20],[21-30],[31-45],[46-60],[61-90],[91-180],[>181 Days - 365],[Above 365 day])

) piv;

END

ELSE IF (@Option='GetgrnNoEmptyVal')

BEGIN

select \*

from

(

select custgrp,salesval as sales, agegrp

from GRNDet where podblsts is not null

) src

pivot

(

sum(sales)

for agegrp in ([0-10], [11-20],[21-30],[31-45],[46-60],[61-90],[91-180],[>181 Days - 365],[Above 365 day])

) piv;

END

ELSE IF (@Option='GetgrnEmptyValDet')

BEGIN

select plant, lineitem, devision, acttype, invno, convert(varchar,grndate,103) as grndate, custcode, custname, custgrp, gstinvno, age, agegrp, salesval, cgstamnt, sgstamnt, igstamnt,

drval,podblsts, matcode, custmatcode, descptn, quantity,custpono, convert(varchar,cdate,103) as cdate, LRNo,carrier,podsts from GRNDet where custgrp=@custgrp and podblsts is null

END

ELSE IF (@Option='GetgrnNoEmptyValDet')

BEGIN

select plant, lineitem, devision, acttype, invno, convert(varchar,grndate,103) as grndate, custcode, custname, custgrp, gstinvno, age, agegrp, salesval, cgstamnt, sgstamnt, igstamnt,

drval,podblsts, matcode, custmatcode, descptn, quantity,custpono, convert(varchar,cdate,103) as cdate, LRNo,carrier, podsts from GRNDet where custgrp=@custgrp and podblsts is not null

END

V2.final

alter procedure proc\_GRNDet(@plant varchar(15), @devision varchar(50), @acttype varchar(50), @invno varchar(45), @grndate varchar(30), @gstinvno varchar(50),@age int,@agegrp varchar(30),@salesval decimal(19,2),@cgstamnt decimal(17,2), @sgstamnt decimal(17,2), @igstamnt decimal(17,2), @drval decimal(17,2), @matcode varchar(70),

@custmatcode varchar(60), @descptn varchar(300),@quantity decimal(15,2),@custpono varchar(50), @cdate varchar(30), @LRNo varchar(100),@carrier varchar(200), @podsts varchar(50), @podblsts varchar(50), @custcode varchar(30), @custname varchar(100), @custgrp varchar(50),@created\_date varchar(30), @updated\_date varchar(30), @Option varchar(150))

AS

IF (@Option='getGRN')

BEGIN

select \* from GRNDet

END

ELSE IF (@Option='GetgrnEmptyVal')

BEGIN

select custgrp,IsNull([0-10], 0) as [0-10], IsNull([11-20], 0) as [11-20],IsNull([21-30], 0) as [21-30], IsNull([31-45], 0) as [31-45], IsNull([46-60], 0) as [46-60],

IsNull([61-90], 0) as [61-90],IsNull([91-180], 0) as [91-180], IsNull([181-365], 0) as [181-365], IsNull([Above 365 day], 0) as [Above 365 day], [Totalvalue]=sum(IsNull([0-10], 0)+IsNull([11-20], 0)+IsNull([21-30], 0) + IsNull([31-45], 0)+IsNull([46-60], 0)+

IsNull([61-90], 0)+IsNull([91-180], 0)+ IsNull([181-365], 0)+IsNull([Above 365 day], 0))

from

(

select custgrp, drval as sales, agegrp from GRNDet where isnull(podblsts, '') = ''

) s

pivot

(

sum(sales)

for agegrp in ([0-10], [11-20],[21-30],[31-45],[46-60],[61-90],[91-180],[181-365],[Above 365 day])

) p

group by [0-10], [11-20],[21-30],[31-45],[46-60],[61-90],[91-180],[181-365],[Above 365 day], custgrp

END

ELSE IF (@Option='GetgrnNoEmptyVal')

BEGIN

select custgrp,IsNull([0-10], 0) as [0-10], IsNull([11-20], 0) as [11-20],IsNull([21-30], 0) as [21-30], IsNull([31-45], 0) as [31-45], IsNull([46-60], 0) as [46-60],

IsNull([61-90], 0) as [61-90],IsNull([91-180], 0) as [91-180], IsNull([181-365], 0) as [181-365], IsNull([Above 365 day], 0) as [Above 365 day], [Totalvalue]=sum(IsNull([0-10], 0)+IsNull([11-20], 0)+IsNull([21-30], 0) + IsNull([31-45], 0)+IsNull([46-60], 0)+

IsNull([61-90], 0)+IsNull([91-180], 0)+ IsNull([181-365], 0)+IsNull([Above 365 day], 0))

from

(

select custgrp, drval as sales, agegrp from GRNDet where isnull(podblsts, '') <> ''

) s

pivot

(

sum(sales)

for agegrp in ([0-10], [11-20],[21-30],[31-45],[46-60],[61-90],[91-180],[181-365],[Above 365 day])

) p

group by [0-10], [11-20],[21-30],[31-45],[46-60],[61-90],[91-180],[181-365],[Above 365 day], custgrp

END

ELSE IF (@Option='GetgrnEmptyValDet')

BEGIN

select plant, lineitem, devision, acttype, invno, convert(varchar,grndate,103) as grndate, custcode, custname, custgrp, gstinvno, age, agegrp, salesval, cgstamnt, sgstamnt, igstamnt,

drval,podblsts, matcode, custmatcode, descptn, quantity,custpono, convert(varchar,cdate,103) as cdate, LRNo,carrier,podsts from GRNDet where custgrp=@custgrp and isnull(podblsts, '') = ''

END

ELSE IF (@Option='GetgrnCellEmptyValDet')

BEGIN

select plant,lineitem,devision, acttype, invno, convert(varchar,grndate,103) as grndate, custcode, custname, custgrp, gstinvno, age, agegrp, salesval, cgstamnt, sgstamnt, igstamnt,

drval,podblsts, matcode, custmatcode, descptn, quantity,custpono, convert(varchar,cdate,103) as cdate, LRNo,carrier,podsts from GRNDet where custgrp=@custgrp and agegrp=@agegrp and isnull(podblsts, '') = ''

END

ELSE IF (@Option='GetgrntotEmptyValDet')

BEGIN

select plant,lineitem,devision, acttype, invno, convert(varchar,grndate,103) as grndate, custcode, custname, custgrp, gstinvno, age, agegrp, salesval, cgstamnt, sgstamnt, igstamnt,

drval,podblsts, matcode, custmatcode, descptn, quantity,custpono, convert(varchar,cdate,103) as cdate, LRNo,carrier,podsts from GRNDet where agegrp=@agegrp and isnull(podblsts, '') = ''

END

ELSE IF (@Option='GetnogrnEmptyVal')

BEGIN

select plant,lineitem,devision, acttype, invno, convert(varchar,grndate,103) as grndate, custcode, custname, custgrp, gstinvno, age, agegrp, salesval, cgstamnt, sgstamnt, igstamnt,

drval,podblsts, matcode, custmatcode, descptn, quantity,custpono, convert(varchar,cdate,103) as cdate, LRNo,carrier,podsts from GRNDet where isnull(podblsts, '') = ''

END

ELSE IF (@Option='GetgrnNoEmptyValDet')

BEGIN

select plant, lineitem, devision, acttype, invno, convert(varchar,grndate,103) as grndate, custcode, custname, custgrp, gstinvno, age, agegrp, salesval, cgstamnt, sgstamnt, igstamnt,

drval,podblsts, matcode, custmatcode, descptn, quantity,custpono, convert(varchar,cdate,103) as cdate, LRNo,carrier, podsts from GRNDet where custgrp=@custgrp and isnull(podblsts, '') <> ''

END

ELSE IF (@Option='GetgrnCellNoEmptyValDet')

BEGIN

select plant,lineitem,devision, acttype, invno, convert(varchar,grndate,103) as grndate, custcode, custname, custgrp, gstinvno, age, agegrp, salesval, cgstamnt, sgstamnt, igstamnt,

drval,podblsts, matcode, custmatcode, descptn, quantity,custpono, convert(varchar,cdate,103) as cdate, LRNo,carrier,podsts from GRNDet where custgrp=@custgrp and agegrp=@agegrp and isnull(podblsts, '') <> ''

END

ELSE IF (@Option='GetgrntotNoEmptyValDet')

BEGIN

select plant,lineitem,devision, acttype, invno, convert(varchar,grndate,103) as grndate, custcode, custname, custgrp, gstinvno, age, agegrp, salesval, cgstamnt, sgstamnt, igstamnt,

drval,podblsts, matcode, custmatcode, descptn, quantity,custpono, convert(varchar,cdate,103) as cdate, LRNo,carrier,podsts from GRNDet where agegrp=@agegrp and isnull(podblsts, '') <> ''

END

ELSE IF (@Option='GetgrnNoEmptydetval')

BEGIN

select plant,lineitem,devision, acttype, invno, convert(varchar,grndate,103) as grndate, custcode, custname, custgrp, gstinvno, age, agegrp, salesval, cgstamnt, sgstamnt, igstamnt,

drval,podblsts, matcode, custmatcode, descptn, quantity,custpono, convert(varchar,cdate,103) as cdate, LRNo,carrier,podsts from GRNDet where isnull(podblsts, '') <> ''

END