CREATE TABLE #yt

(

id int,

[Store] int,

[Week] int,

[xCount] int,

isactive tinyint

);

INSERT INTO #yt

(id,

[Store],

[Week], [xCount] , isactive

)

VALUES

(1,102, 1, 96,1),

(1,101, 1, 138,0),

(1,105, 1, 37,1),

(2,109, 1, 59, 1),

(2,101, 2, 282, 0),

(2,102, 2, 212, 0),

(2,105, 2, 78, 1),

(3,109, 2, 97, 1),

(3,105, 3, 60, 1),

(3,102, 3, 123, 1),

(4,101, 3, 220, 0),

(4,101, 0, 220, 1),

(4,101, 0, 220, 1),

(4,109, 3, 87, 1);

select \*

from

(

select id,store, week, xCount

from #yt

where isactive = 1 --and id = 10

) src

pivot

(

sum(xcount)

for week in ([1], [2], [3], [0])

) piv

order by id;

alter PROCEDURE [dbo].[USP\_DYNAMIC\_PIVOT]

(@wc VARCHAR(50),

@STATIC\_COLUMN VARCHAR(255),

@PIVOT\_COLUMN VARCHAR(255),

@VALUE\_COLUMN VARCHAR(255),

@TABLE VARCHAR(255),

@AGGREGATE VARCHAR(20) = null

)

AS

BEGIN

SET NOCOUNT ON;

declare @AVAIABLE\_TO\_PIVOT NVARCHAR(MAX),

@SQLSTRING NVARCHAR(MAX),

@PIVOT\_SQL\_STRING NVARCHAR(MAX),

@TEMPVARCOLUMNS NVARCHAR(MAX),

@TABLESQL NVARCHAR(MAX)

if isnull(@AGGREGATE,'') = ''

begin

SET @AGGREGATE = 'MAX'

end

SET @PIVOT\_SQL\_STRING = 'SELECT top 1 STUFF((SELECT distinct '', '' + CAST(''[''+CONVERT(VARCHAR,'+ @PIVOT\_COLUMN+')+'']'' AS VARCHAR(50)) [text()]

FROM '+@TABLE+'

WHERE WC = '''+@wc+''' and ISNULL('+@PIVOT\_COLUMN+','''') <> ''''

FOR XML PATH(''''), TYPE)

.value(''.'',''NVARCHAR(MAX)''),1,2,'' '') as PIVOT\_VALUES

from '+@TABLE+' ma

ORDER BY ' + @PIVOT\_COLUMN + ''

declare @TAB AS TABLE(COL NVARCHAR(MAX) )

INSERT INTO @TAB EXEC SP\_EXECUTESQL @PIVOT\_SQL\_STRING, @AVAIABLE\_TO\_PIVOT

SET @AVAIABLE\_TO\_PIVOT = (SELECT \* FROM @TAB)

SET @TEMPVARCOLUMNS = (SELECT replace(@AVAIABLE\_TO\_PIVOT,',',' nvarchar(255) null,') + ' nvarchar(255) null')

SET @SQLSTRING = 'DECLARE @RETURN\_TABLE TABLE (id int , '+@STATIC\_COLUMN+' NVARCHAR(255) NULL,'+@TEMPVARCOLUMNS+')

INSERT INTO @RETURN\_TABLE(id,'+@STATIC\_COLUMN+','+@AVAIABLE\_TO\_PIVOT+')

select \* from (

SELECT id, ' + @STATIC\_COLUMN + ' , ' + @PIVOT\_COLUMN + ', ' + @VALUE\_COLUMN + ' FROM '+@TABLE+' Where isactive=1 and WC = '''+@wc+''') a

PIVOT

(

'+@AGGREGATE+'('+@VALUE\_COLUMN+')

FOR '+@PIVOT\_COLUMN+' IN ('+@AVAIABLE\_TO\_PIVOT+')

) piv

SELECT \* FROM @RETURN\_TABLE'

EXEC SP\_EXECUTESQL @SQLSTRING

END

exec [dbo].[USP\_DYNAMIC\_PIVOT] 'hcm\_swi','month','stationOrTester','quantity','Equipment','sum';

select distinct stationOrTester from Equipment where wc = 'hcm\_swi' order by stationOrTester;

necessity

exec [USP\_HCS\_Equipment\_GetAll] 'hcm\_swi', 'month','stationOrTester','quantity','Equipment','sum';

select \* from Equipment where wc = 'hcm\_swi';