Sub 중복품번차분강조\_최종()

' 팝업 및 이벤트 비활성화

Application.DisplayAlerts = False

Application.ScreenUpdating = False

Application.EnableEvents = False

Application.AskToUpdateLinks = False

Application.CutCopyMode = False

On Error GoTo ExitPoint

Dim ws As Worksheet

Set ws = ThisWorkbook.Sheets(1)

Dim lastRow As Long

lastRow = ws.Cells(ws.Rows.count, 1).End(xlUp).Row

' 기존 시트 삭제 및 새 시트 생성

Dim tempWs As Worksheet

On Error Resume Next

Application.DisplayAlerts = False

Worksheets("정렬결과").Delete

On Error GoTo 0

Set tempWs = Worksheets.Add

tempWs.Name = "정렬결과"

' 품번 그룹 구성 (O열 기준으로 변경)

Dim groupDict As Object

Set groupDict = CreateObject("Scripting.Dictionary")

Dim i As Long

For i = 3 To lastRow

If Left(ws.Cells(i, 15).Value, 2) = "P2" Then ' 지하층은 P2를 P1으로 변경

Dim key As String

key = CStr(ws.Cells(i, 2).Value)

If Not groupDict.Exists(key) Then

groupDict.Add key, New Collection

End If

groupDict(key).Add i

End If

Next i

' 그룹 정렬을 위한 배열 생성

Dim groupKey As Variant

Dim groupCount As Long: groupCount = groupDict.count

Dim groupArray() As Variant

ReDim groupArray(1 To 3, 1 To groupCount)

Dim index As Long: index = 1

For Each groupKey In groupDict.Keys

Dim firstRow As Long

firstRow = groupDict(groupKey)(1)

Dim 기준문자 As String

기준문자 = Mid(ws.Cells(firstRow, 15).Value, 3, 1) ' O열의 3번째 문자

groupArray(1, index) = groupKey

groupArray(2, index) = 기준문자

Set groupArray(3, index) = groupDict(groupKey)

index = index + 1

Next groupKey

' 그룹 정렬

Dim j As Long, temp1 As Variant, temp2 As Variant, temp3 As Variant

For i = 1 To groupCount - 1

For j = i + 1 To groupCount

If groupArray(2, i) > groupArray(2, j) Then

temp1 = groupArray(1, i): temp2 = groupArray(2, i): Set temp3 = groupArray(3, i)

groupArray(1, i) = groupArray(1, j): groupArray(2, i) = groupArray(2, j): Set groupArray(3, i) = groupArray(3, j)

groupArray(1, j) = temp1: groupArray(2, j) = temp2: Set groupArray(3, j) = temp3

End If

Next j

Next i

' 헤더 복사

Dim lastCol As Long

lastCol = ws.Cells(1, ws.Columns.count).End(xlToLeft).Column

ws.Range(ws.Cells(1, 1), ws.Cells(2, lastCol)).Copy Destination:=tempWs.Range("A1")

' 그룹별 출력 및 강조 처리

Dim rowIndex As Long: rowIndex = 3

Dim rowList As Collection

Dim srcRow As Long

Dim count As Long

For i = 1 To groupCount

Set rowList = groupArray(3, i)

count = rowList.count

Dim startRowIndex As Long: startRowIndex = rowIndex

' 강조 조건 플래그

Dim mHighlight As Boolean: mHighlight = False

Dim nHighlight As Boolean: nHighlight = False

' M열/N열 값 확인

For j = 1 To count

If Val(ws.Cells(rowList(j), 13).Value) <> 0 Then mHighlight = True

If Val(ws.Cells(rowList(j), 14).Value) <> 0 Then nHighlight = True

Next j

' 행 복사 및 중복 품번 강조

For j = 1 To count

srcRow = rowList(j)

ws.Rows(srcRow).Copy Destination:=tempWs.Rows(rowIndex)

If count > 1 Then

tempWs.Cells(rowIndex, 2).Interior.Color = RGB(255, 192, 203)

End If

rowIndex = rowIndex + 1

Next j

' M열 강조

If mHighlight Then

For j = 1 To count

With tempWs.Cells(startRowIndex + j - 1, 13)

.Interior.Color = RGB(255, 255, 0)

.Font.Color = RGB(255, 0, 0)

.Font.Bold = True

End With

Next j

End If

' N열 강조

If nHighlight Then

For j = 1 To count

With tempWs.Cells(startRowIndex + j - 1, 14)

.Interior.Color = RGB(255, 255, 0)

.Font.Color = RGB(255, 0, 0)

.Font.Bold = True

End With

Next j

End If

' M열 병합

Dim firstM As Variant

Dim sameM As Boolean: sameM = True

firstM = ws.Cells(rowList(1), 13).Value

For j = 2 To count

If ws.Cells(rowList(j), 13).Value <> firstM Then

sameM = False

Exit For

End If

Next j

If sameM And count > 1 Then

With tempWs.Range(tempWs.Cells(startRowIndex, 13), tempWs.Cells(rowIndex - 1, 13))

.Merge

.HorizontalAlignment = xlCenter

.VerticalAlignment = xlCenter

End With

End If

' N열 병합

Dim firstN As Variant

Dim sameN As Boolean: sameN = True

firstN = ws.Cells(rowList(1), 14).Value

For j = 2 To count

If ws.Cells(rowList(j), 14).Value <> firstN Then

sameN = False

Exit For

End If

Next j

If sameN And count > 1 Then

With tempWs.Range(tempWs.Cells(startRowIndex, 14), tempWs.Cells(rowIndex - 1, 14))

.Merge

.HorizontalAlignment = xlCenter

.VerticalAlignment = xlCenter

End With

End If

Next i

' 열 너비 자동 맞춤 적용

tempWs.Cells.Columns.AutoFit

MsgBox "완료되었습니다! 지하층 목록은 P1으로 변경해야 합니다.", vbInformation

ExitPoint:

Application.DisplayAlerts = True

Application.ScreenUpdating = True

Application.EnableEvents = True

Application.AskToUpdateLinks = True

Application.CutCopyMode = False

End Sub