

Compare Two Arrays - Range to Array - Excel VBA

```
Sub Compare_Columns_A_and_B_with_Arrays()  
  
Dim wb As Workbook, ws As Worksheet, Missing As Worksheet  
Set wb = ActiveWorkbook  
Set ws = wb.Worksheets("Sheet1")  
Set Missing = wb.Worksheets("Missing")  
  
Dim lRowA As Long  
lRowA = ws.Cells(Rows.Count, 1).End(xlUp).Row  
Dim sourceArray As Variant, srcrng As Range  
Set srcrng = ws.Range("A2:A" & lRowA)  
sourceArray = RangeToArray(srcrng)  
  
Dim lRowB As Long  
lRowB = ws.Cells(Rows.Count, 2).End(xlUp).Row  
Dim verifyArray As Variant, verifyrng As Range  
Set verifyrng = ws.Range("B2:B" & lRowB)  
verifyArray = RangeToArray(verifyrng)  
  
Dim lRowM As Long  
Missing.Range("A1").Value = "ID's Missing from Results"  
  
For Each arrval In sourceArray  
IsInArray = (UBound(Filter(verifyArray, arrval)) > -1)  
If IsInArray = False Then  
    'Debug.Print arrval  
    lRowM = Missing.Cells(Rows.Count, 1).End(xlUp).Offset(1).Row  
    Missing.Range("A" & lRowM).Value = arrval  
End If  
Next arrval  
  
End Sub  
  
Public Function RangeToArray(rng As Range) As Variant  
    Dim i As Long, r As Range  
    ReDim arr(1 To rng.Count)  
  
    i = 1  
    For Each r In rng  
        arr(i) = r.Value  
        i = i + 1  
    Next r  
  
    RangeToArray = arr  
End Function
```