

Hi,

I'm very new to this game but would be grateful for some advice on applying a simple process to multiple files.

See below for my code so far. The problem I am encountering is that the routine will not run through the second for loop and attempts to repeat the first for loop over and over on the first file that it reads. Funnily enough, at first I accidentally used 'i' in both for loops and this enabled both for loops to run but with the second expression in the second for loop limited to the second expression in the first for loop.

Please can anyone offer any help with this?

```
N = N_ELEMENTS(FINDFILE('*Norm.var'))
PRINT, 'Number of files: ', N

myfile_array = FINDFILE('*Norm.var')

FOR i = 0, N-1 DO BEGIN
    mv = readvar(myfile_array(i), /sr)      ;Reads
input file
    PRINT, myfile_array(i)

    mv2 = fltarr(31,31,252)                ;Creates new array

    FOR j=0,251 do begin mv2(*,*,j)=avg(mv(4:35,4:35,j))    ;Takes
the average of region between co-ordinates 4 and 35 in x and y axes

    savevar, STRSUBST(myfile_array(i), '\\Norm.var', 'Norm Avg C1.var'),
mv2, /sr
                                ;Saves new file (mv2) with
file name adapted from original file name

ENDFOR
    ENDFOR
END
```
