Hi, I am new to IDL. I need help in creating a loop for a code that I am working on.

Here is my code:

```
pro soil_timeseries, dir, soil, outarr
files = file_search(dir, '*.bsq', count = nfiles)
file= 'F:\soil\MCD43A4.2000.049_soil.bsq\'

outarr = [ ]

   get_lun, read_lun
   openr, read_lun, file
   a = assoc(read_lun, intarr(2400,2400))


   for i = 0, nfiles - 1 do begin
     print, 'files ', i
   file = files(i)

 soil= a[i]

roi= soil[28,1759]*0.0001
outarr = [outarr, roi]

 endfor
 free_lun
   close, /all
  return
end
```

It only reads one file, how can I get the code to read all of the files. I have 534 files, however, it is only ready one that is specified in the code:file= 'F:\soil\MCD43A4.2000.049_soil.bsq\'. I don't know if I am doing the right thing with:'for i = 0, nfiles - 1 do begin' because it doesn't seems to work (read all of the files)

Thank you.