

Matlab Script Solardata.m

```
% matlab script to extract solar data from excel files, write to text file,  
% and append data from multiple files if desired.  
% bmj 040413  
  
clear all  
  
% input name of first file to read  
fileinputname=input('Enter name of first file to read: ','s');  
% input name of file to which to write  
fileoutputname=input('Enter name of file to write: ','s');  
% open file to read and select data  
Solarin=xlsread(fileinputname,-1);  
% write data to comma delimited file  
dlmwrite(fileoutputname,Solarin,',');  
% ask to append data  
response=input('Do you wish to append data to the file--yes or no? ','s');  
responsel=response(1);  
% begin while loop  
while responsel=='y',  
% input name of next file to read  
fileinputname=input('Enter name of file to read from: ','s');  
% open next file read and select data  
Solarinappend=xlsread(fileinputname,-1);  
% append data to file  
dlmwrite(fileoutputname,Solarinappend,'-append');  
response=input('Do you wish to append more data to the file--yes or no?  
,','s');  
responsel=response(1);  
end
```