repare file of stopflag for normal programm interruption  
read from configuration file : isEnable,isLastDest, users, passw, upfolder, arcfolder, destinationHOST, port, ~~tempfolder~~

nextstep func(): {prepare temporary folders from upfolders and fill

delete those files from upfolders  
 \*\*\* prepare arc folders from upfolders (not fill)   
 \*\*\* store tempfolders files to arc}  
  
  
while (continueFlag)  
 {  
  ~~\*\*\*prepare temporary folders from upfolders: folder and files if not exist or append new files if exist~~  
 }  
 for all users/destinations of conig-file do  
 {  
 check if current ip-addr is in problemIP-List do not send 10 times  
 else {  
 try send it (all the folder files), log it  
 \*\*\*remove every file was sent from tempfolder  
 \*\*\*remove tempfoder if is empty  
  
  
  
 on exception log it  
 add ip-addr to problemIP-List  
 }

~~delete files from tempfolders~~  
 print logo  
 every 60 sec remove old files  
 wait 10 sec  
 check stopfile . if flag=1 continueFlag=false  
 read from configuration file : isEnable,isLastDest, users, passw, upfolder, ~~arcfolder,~~ destinationHOST, port

next step func()

every 3600s check tempfolders send mail if there are many

every 3600 s check upfolders on new . if 1h no new files received send a mail}  
 alert mail and desktop

* Config file do not contain No as upfolder  
  - sftp option  
  - may be psw encrypting  
  - tempfolders: we create temfolder for every user-destination-port on config   
   check plan :  
   1. 5 users to 3 ip  
   2. 20 users 3 not working  
   3. 20 users 3 not workig sycronized
* Q:what if tempfolder is not empty and we want to copy the same files to it?

Tempfolders check

v.1

make tuple array tempfolder-path, files-number

tool getting this array and files num limit

for all in the array

{if files-num> limit then

{ send mail

Write in nlog file

Create onscreen alert}

}

Return true/false if problematic folders exist

v.2

every 48 hours do

{

make table by time-tabularKind

upfolder time-tabularKind num-files-today num-files\_today - time-tabularKind \*2 num-files\_today - time-tabularKind\*4 num-files\_today - time-tabularKind\*6

#for instance tt 10 mim:

#C:/z/zz/zzz 10 28(11:23) 0(11:03) 0(10:43) 12(10:23)

make table:

upfolder num-files-today folder-append-speed, files on tabular time Kind folder-append speed a day

if num-files-today> limit then make notification

if folder-append-speed > 10 every day

then make alert to mail

}

Check Sftp

Check no new files received on upfolders

now = int( time.time() )

os.path.getmtime(r'C:\Users\wn10\Desktop\EnviroDoc\RASHAT\OBS1')

for all upfolders

{ now = int( time.time() )

if (now- os.path.getmtime(folder)) > limit then alert}