```
#!/bin/bash

# This script copies files from my homedirectory into the webserver directory.
# A new directory is created every hour.
# If the pics are taking up too much space, the oldest are removed.

PICSDIR=/nethome/carol/testdir
WEBDIR=/var/www/carol/webcam

while true; do
DISKFULL=$(df -h $WEBDIR | grep -v File | awk '{ print $5 }' | cut -d "%" -f1 -)

until [ $DISKFUL -ge "90" ]; do
  DATE=`date +%Y%m%d`
  HOUR=`date +%H`
  mkdir $WEBDIR/"$DATE"

  while [ $HOUR -le 23 ]; do
    DESTDIR=$WEBDIR/"$DATE"/"$HOUR"
    mkdir "$DESTDIR"
    mv $PICSDIR/*.jpg "$DESTDIR"/
    sleep 3600
    HOUR=`date +%H`
  done
  DISKFULL=$(df -h $WEBDIR | grep -v File | awk '{ print $5 }' | cut -d "%" -f1
-)
done

TOREMOVE=$(find $WEBDIR -type d -a -mtime +30)
for i in $TOREMOVE; do rm -rf "$i"; done

done
~
                                                    30,0-1        All
```