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correction_tp4.sh
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#! /bin/bash
exo1() {
    index=0
     for i in "$@"; do
       index='expr $index + 1'
       echo " L'argument $index est $i "
exo2() {
    echo -n " oui ou non? "
    read ans
     while [ $ans != " oui" -a $ans != " non" ]; do
      echo -n " oui ou non? "
        read ans
     done
exo3() {
    who | sed ' s/.*// | sort | uniq
exo4() {
    who | ( while read login pty month day time loc;
                                                                     do
       location='echo $loc | sed 'echo " $login $location"
          done ) | sort | uniq
exo5() {
    tmpfile=""
    if [ " $2" = " $1" ]; then
    tmpfile=" $2"
    while [ -e " $tmpfile" ]; do
           tmpfile=$2$tmpfile
          done
       sed '
$//' $1 > $tmpfile
       mv $tmpfile
     else
       sed 's/
$//' $1 > $2
     fi
exo6() {
    tmpfile=""
    if [ " $2" = " $1" ]; then tmpfile=" $2"
          while [ -e " $tmpfile" ]; do
           tmpfile=$2$tmpfile
          done
        sed ' s/$/
/' $1 > $tmpfile
        mv $tmpfile
     else
       sed ' s/$/
/' $1 > $2
     fi
exo7() {
   prefix=$1
     if [ $# -eq 1 ];
                            then
       files='ls -a'
     else
          shift
```

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        files=$*
     fi
    index=0
    for i in $files; do
if [-f $i ]; then
           index='expr $index + 1'
            target=$prefix$index
                while [ -e $target ];
                                             do
                target=$prefix$target
                done
            mv $i $target
          fi
     done
cmd=$1
shift
eval $cmd $*
```