mkdir finalproject

vi formatfile

echo "1- Convert file from formatA to formatB "
echo "2- Exit program "
read value
while [ $value -ne 2 ]
do
case "$value" in
1)./convertfile;;
2)exit 0;;
\*) echo "wrong input";;
esac
echo " 1-Convert file from formatA to format"
echo "2- Exit program"
done
:wq

chmod +x formatfile

PATH=$PATH:.

vi convertfile

echo " enter source file name: "
read source
echo " enter destination file name: "
read destination
if [ -f $source ]
then
for k in $(cat $source)
do
value1= $(cat $source | grep $k | grep x | tr " (" " " | tr "," " " | cut –d: -f3 | tr “)” “ “ | tr “=” “ “)

value2=$(cat $source | grep $k | sed [^x] | tr -s" " | cut –d" " –f1)

echo $value1 $value2 < destination
done
else
echo "file who enter not found , write another one"
fi
:wq
chmod +x convertfile
PATH=$PATH:.

Vi mydata

x(:,:,5)=

5.0567 5.0567

x(:,:,9)=

0.0345 0.0345

 x(:,:,15)=

 1.0e-007 \*

0.6387 0.6387

x(:,:,117)=

0.0289 0.0289