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