USP Lab

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Q) WAP to count the number of vowels in a file using tr command

```
echo "Enter filename"
read fname
num=echo $`tr -dc [aeiouAEIOU]
           < $fname |wc -c`
echo "number of vowels are $num"
```

Q) WAP that accepts two files as arguments, checks permission, if identical output common permission, else filename followed by permission

```
if [ $# -eq 2 ]
then
    perm1=`ls -l $1 | cut -c2-10`
    perm2=`ls -l $2 | cut -c2-10`
    if [ $perm1 == $perm2 ]
    then
        echo "File permissions are identical"
        echo "File permission are $perm1"
    elif [ ! -e $1 -o ! -e $2 ]
    then
        echo "one or more files don't exist"
    else
        echo "Not enough Arguments"
    else
        echo "File permissions not identical"
        echo "File permission for 1st are $perm1"
        echo "File permission for 2nd are $perm2"
    fi
elif [ ! -e $1 -o ! -e $2 ]
then
    echo "One or more files don't exist"
else
    echo "Not enough Arguments"
fi
```