Linux Coursework

1Ai)

home

junk

**/**

work

admin

coursework1.txt

coursework2.txt

todolist.txt

oldstuff

lastyearscw.txt

1Aii) /home/admin

B)

File1-Deleted. This is removed because the text ‘File’ has been found and the question mark looks for (any) one character which follows this to complete the search. As one character follows File a match is found, so the file is deleted.

File1b-kept. This file is kept because 2 characters follow ‘File’ (1 and b). The question mark is only returning a match if it finds one character.

file2-kept. This file is kept because the search for ‘File’ is case sensitive. As file2 begins with a lower case f, this is not a match.

2a)

#!/bin/sh

for filename in \*

do

echo “The number of characters in the file”

wc –m $filename

done

2b)

#!/bin/sh

if [ $1 –gt 10 ]

then

echo “This number is bigger than 10”

else

echo “This number is not bigger than 10”

fi

2c)

#!/bin/sh

mkdir MyTextFiles

if [ $1 == COPY ]

then

cp \*.txt MyTextFiles

else

mv \*.txt MyTextFiles

fi

cd MyTextFiles

ls > DirectoryListing.txt

cd ..

wc -l MyTextFiles/DirectoryListing.txt