

Student Number, Name:

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Comments (for items labelled #1, #2 etc, see index on the next page).

all works fine.

List of common errors or ways in which the assignment can be improved.

The numbers in brackets at the end, eg (2-3) indicate the typical number of marks out of 100 deducted, in this case 2 to 3 marks deducted

#1: The author of the changes to the code to enable the ext3301 file system is not clearly indicated in most or all the files with significant changes (3)

#2: Compiler warnings still present which should be addressed (1-3)

#3: Amount of commenting insufficient – normally expect at least one comment per procedure (1-3)

#4: immediate files are not correctly stored back into the file system, so that after dismounting and remounting the file system, the files can no longer be read. Often characterised by a “cat: read error : Invalid argument” message. (5-10)

#5: Debug messages left in the code which would be better removed (1-5)

#6: Code is unreliable, causes occasional crashes / core dumps. (10)

#7: Only recognises key if input in hexadecimal but no error message to indicate this, eg. -o key =01 isn't recognised and no error message (5)

#8: File deletion not handled correctly – blocks not properly returned to free list (10)

#9: Files are not correctly stored – quite a common error, sometimes in all files, sometimes just in immediate files, eg.

```
cat > test1
111
222
333
^D
```

would simply store the last line “333” in a file. (10)