

A5: GUIDELINES and COVER LETTER (originally by Michalis Faloutsos)

You MUST use this cover page indicating the features you've implemented. To indicate which features you've implemented, either circle in the PDF or highlight (boldface or color) in the Word document. Submit with: "**submit -N 6 (files)**". Submit your Makefile and the default target must be named nsh. False indications may be considered academic dishonesty. Conversely, reporting known bugs may actually increase your mark.

NAME (Surname, given name):

Student ID:

username on odin/openlab:

Basic shell:

- ① command execution no arguments
- ② command execution with arguments
- ③ input redirection <
- ④ output redirection >
- ⑤ one pipe
- ⑦ error detection + handling
- ⑧ cd command
- ⑨ nsh scripts (avoid printing prompt and read commands from file listed on command line)

Extensions to shell:

- ① ignore control-C (1)
- ①. append (">>") (1)
- ②. background execution (1)
- ③ comments (1)
- ④. meta-characters without spaces (1)
5. shell escape using "\" (1)
6. single quotes (2)
- ⑦ multiple pipes (3)
8. environment variables (4)
9. back-quotes (4)
10. double-quotes (4)
11. parsing with lex and yacc (6)
12. command line editing and history mechanism (10)
13. subshells in parenthesis (.....) (4)
- ⑭ exit with an exit-code (1)
15. secondary prompt after <LF>---must work with all quotes (3)
16. Export variables to subshells---must have unset command (2)
17. other (explain)