Review Test Submission: ULI101 Final Exam Section 3 Practice

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Course	Introduction to UNIX/Linux and the Internet
Test	ULI101 Final Exam Section 3 Practice
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Score	7.28571 out of 12 points
Time Elapsed	25 minutes out of 30 minutes
Instructions	S

Unless otherwise specified:

- use no more than one space to separate elements of an expression
- add switches in alphabetical order, unless the switch order changes the behaviour of the expression
- use double quotes (") not single quotes ('), unless the expression requires single quotes
- do not use POSIX classes (e.g [:alpha:]) unless asked to
- use UN*X (short) not GNU (long) switches
- use ^ followed by the uppercase character to represent a control sequence (e.g. ^C)
- redirect STDERR before STDOUT
- assume that user names (userID) can be mixed case, that passwords are stored in /etc/shadow and have either a single character placeholder of mixed case or no placeholder in /etc/passwd
- use standard, not enhanced, versions of the commands unless otherwise specified (e.g. grep(), not egrep())
- when in vi, or using vi mode on the command line:
 - use <ESC> to represent the escape keystroke (all uppercase)
 - use <ENTER> to represent the enter/return keystroke (all uppercase) when this key must be used to complete the sequence and return to another mode

All references to the source code, line numbers, or app4test refer to the following contents (as displayed in vi with line numbers turned on):

----BEGIN app4test contents-----

----END app4test contents-----

Results Displayed **Incorrectly Answered Questions**

Question 1 2?



How many switches require an additional argument when they are used?

Question 2



Which line identifies this as a BASH script

Question 4



What output is generated by executing the following:

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```
% y=18
% z=24
% x=$(( $y + $z ))
% echo $x
```

Question 5



What will the following return: (use a hyphen (-) by itself to indicate the line is blank or there is no more lines of output)

% ./app4test

```
[a] _
[b] Usage: ./appControl [-sqgr] [application]
[c] -s start
[d] -q quit
[e] -g graceful quit
[f] -r graceful restart
[g] -
```

Question 6 22



Which line untaints the user input from the command line? [use 0 to indicate there is no such line]

Question 7

16?21?



Which line tests to see if the application supplied as an argument on the command line is executable? [use 0 to indicate there is no such line]

Question 8



22?

Which line in the function is controlled by the result of a logical / boolean operation? [use 0 to indicate no such line exists]

Question 9 4?



How many of the command line switches can be used at the same time?

Question 10



What command line expression would use the app4test program in \$HOME/bin to restart the executable program called myApp. Use relative directories as needed, and use the shell placeholder for your home directory as needed. [note the command prompt is already provided]

% cd ~/bin

% [a]

Question 11



Which line tests to see that the correct number of command line arguments are used?

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Thursday, December 3, 2020 10:58:17 AM EST