

Lab 3 Submission

Question 1

q1.1



Question 2

```
Activities  Tilix  Feb 25 20:20
1/1  +  [Icons]  Tilix: jirribarren@cis106: ~
1: jirribarren@cis106: ~
jirribarren@cis106:~$ echo "Hello"
Hello
jirribarren@cis106:~$ echo -n "Hello"
Hellojirribarren@cis106:~$ echo -e "\thello"
    hello
jirribarren@cis106:~$ echo -e "This is line1\nThis is line 2"
This is line1
This is line 2
jirribarren@cis106:~$ echo -e "This is line1\nThis is line 2"
This is line1
This is line 2
jirribarren@cis106:~$ echo -e "\tThis is line1\nThis is line 2"
    This is line1
This is line 2
jirribarren@cis106:~$ echo -e "\t\tThis is line1\n\t\tThis is line 2"
        This is line1
        This is line 2
jirribarren@cis106:~$
```

```
2: jirribarren@cis106: ~
q :q Q :Q ZZ  Exit.
-----
MOVING
e ^E j ^N CR * Forward one line (or N lines).
y ^V k ^K ^P * Backward one line (or N lines).
f ^F ^V SPACE * Forward one window (or N lines).
b ^B ESC-v * Backward one window (or N lines).
z * Forward one window (and set window to N).
w * Backward one window (and set window to N).
ESC-SPACE * Forward one window, but don't stop at end-of-file.
d ^D * Forward one half-window (and set half-window to N).
u ^U * Backward one half-window (and set half-window to N).
ESC-) RightArrow * Right one half screen width (or N positions).
ESC-( LeftArrow * Left one half screen width (or N positions).
ESC-) ^RightArrow * Right to last column displayed.
ESC-( ^LeftArrow * Left to first column.
F * Forward forever; like "tail -f".
ESC-F * Like F but stop when search pattern is found.
r ^R ^L * Repaint screen.
R * Repaint screen, discarding buffered input.
-----
Default "window" is the screen height.
Default "half-window" is half of the screen height.
-----
SEARCHING
/pattern * Search forward for (N-th) matching line.
?pattern * Search backward for (N-th) matching line.
n * Repeat previous search (for N-th occurrence).
N * Repeat previous search in reverse direction.
ESC-n * Repeat previous search, spanning files.
ESC-N * Repeat previous search, reverse dir. & spanning files.
ESC-u * Undo (toggle) search highlighting.
ESC-U * Clear search highlighting.
&pattern * Display only matching lines.
```

Question 3



A terminal window titled "Tilix: jirribarren@cis106: ~" showing a shell script execution. The user runs `bash ~/cis106/labs/lab3/lab3-script1.sh`. The script outputs "This is a shell script," and "This script will print the current date: "Sun Feb 25 10:33:16 PM UTC 2024". It then fails with a syntax error on line 10: "unexpected EOF while looking for matching `'" and another on line 15: "syntax error: unexpected end of file".

```
jirribarren@cis106:~$ bash ~/cis106/labs/lab3/lab3-script1.sh
"This is a shell script,"
"This script will print the current date: "Sun Feb 25 10:33:16 PM UTC 2024
/home/jirribarren/cis106/labs/lab3/lab3-script1.sh: line 10: unexpected EOF while looking for matching `'"
/home/jirribarren/cis106/labs/lab3/lab3-script1.sh: line 15: syntax error: unexpected end of file
jirribarren@cis106:~$
```

Challenge Question



Script Source code:

[lab3](#)