

learnings learnt

shell → Valid Phone Numbers

When you put it in quotes, it does a good job in putting every line as a separate output line inside a terminal. For example, echo lines would do

987-123-4567 123 456 7890 (123) 456-7890

Whereas, "\$lines" would do the following =

987-123-4567

123 456 7890

(123) 456-7890

The issue found here was IFS = '\$\n' ← single quotes and not double

For patterns, use double quotes for the variable == and the pattern should begin with ^ and then end with the dollar sign (\$).

^ \ ([0-9] {3} \) \ [0-9] {3} - [0-9] {4} \$

That's one example of how you can generate the phone number pattern (XXX) XXX-XXXX.

How do we go about this?

First use the input field separator again so that you can go through the entire text file and each line is separated by the '\n' basically. Then store them inside an array called "phonenumber". Once you have stored everything then iterate through "\${phonenumber[@]}" one by one. As you go through iterating the lines, just keep checking for (XXX) XXX-XXXX and XXX XXX-XXXX patterns. If you got the pattern then in the ideal case, we want to be able to echo that line for ourselves basically.