Back To The Queer Future #10: Crack The Queer Code

You need to crack a passcode is made up of 4 digits (0-9). No single digit is repeated in the passcode.

You are given five 4-digit numbers. Each number contains 2 (and only 2) digits that are also present in the passcode:

- 1 digit that is present in the passcode and in the same position as it appears in the passcode
- 1 digit that is in the passcode but in a different position than it appears in the passcode

Here are the numbers:



Hints

- There aren't any digits you can clearly eliminate to begin with, which makes things tricky!
- You will have to make some suppositions to work out which digits may or may not work i.e. pick a digit or two and see if you could satisfy the rules with them
- It will help you to mark up digits on the grid as "well-placed," "wrongly-placed" or "eliminated"
- One observation is that the passcode is 4 digits in length, yet you've got 5 numbers with a digit in the correct place in the passcode. This means that there must be at least one digit in the passcode that appears in the same place in two of the lines. There are two digits this may apply to: the 4 that appears in lines A and E, and the 1 that appears in lines B and D.
- Therefore it would make sense to start your suppositions with with the 4 in line A/E or the 1 in line B/D!