

Python In-class Programming Assignment
Scanning The `/etc/passwd` file Part-2

Let's revisit the `/etc/passwd` file scanner, this time using lists.

As a reminder, entries in the `/etc/passwd` file look like this:

```
nardi:x:1000:1000:Peter Nardi,,,:/home/nardi:/bin/bash
```

Write a python program that opens the `/etc/passwd` file on your VM and prints the *username* and *full name* fields using formatted output, only if **both** of those fields are non-empty. An empty field will have nothing between two semi-colons. For example, here's a line with an empty *full name* field:

```
whoopsie:x:111:117::/nonexistent:/bin/false
```

When you print your output, the *full name* field must have no commas in it. Also your program must use (at a minimum): file I/O, loops, lists, conditionals and formatted output. Below is sample (not complete) of the output from this program running on my machine:

colord	colord colour management daemon
hplip	HPLIP system user
gdm	Gnome Display Manager
nardi	Peter Nardi
cups-pk-helper	user for cups-pk-helper service