Using grep (Lab)

coursera.org/learn/linux-tools-for-developers/supplement/9IIIO/using-grep-lab

Exercise

In the following, we give some examples of things you can do with the **grep** command; your task is to experiment with these examples and extend them.

- Search for your username in file **/etc/passwd**.

- Find all entries in **/etc/services** that include the string **ftp**:

- Restrict to those that use the **tcp** protocol.

- Now, restrict to those that do not use the **tcp** protocol, while printing out the line number.

- Get all strings that start with **ts** or end with **st**.

Solution

You can see a solution for this exercise here:

Search for your username in file **/etc/passwd:**

```
1
$ grep your-username /etc/passwd
```

Find all entries in **/etc/services** that include the string **ftp**:

```
1
$ grep ftp /etc/services
```

Restrict to those that use the **tcp** protocol:

```
1
$ grep ftp /etc/services | grep tcp
```

Now, restrict to those that do not use the **tcp** protocol, while printing out the line number:

```
1
$ grep -n ftp /etc/services | grep -v tcp
```

Get all strings that start with **ts** or end with **st**:

```
1
$ grep ^ts /etc/services $ grep st$ /etc/services
```