coursera

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☰ **Item Navigation**

Creating Simple Bash Shell Scripts (Lab)

Exercise

In the Labs directory (or anywhere you choose), create the following file in your favorite text editor and call it **nproc**:

```
4     exit 0
```

Note we have used the following commands:

- **wc** counts the number of lines, words, and characters in a file

- **ps** gives information about running processes.

Now make it executable with:

```
1     $ chmod +x nproc
```

and then run it with:

```
1     $ ./nproc
```

Type **ps** at the command line. You will notice there is one extra line of headings; thus, we have over-counted by one. Edit the script to correct this.

Hint: You can use either of these two forms:

```
1     nproc=$(($nproc - 1 ))
2     nproc=$(expr $nproc - 1)
```