3.6.4 Practice - Managing Processes

1. Find files that have changed on your Kali virtual machine within the past 7 days by running a specific command in the background.

```
┌──(kali㉿kali)-[~/OSCP_Training]
└─$ find / -type f -mtime -7 2> /dev/null > text.txt &
[1] 177648
```

2. Re-run the previous command and suspend it; once suspended, background it.

```
┌──(kali㉿kali)-[~/OSCP_Training]
└─$ find / -type f -mtime -7 2> /dev/null > text.txt
^Z
zsh: suspended  find / -type f -mtime -7 2> /dev/null > text.txt

┌──(kali㉿kali)-[~/OSCP_Training]
└─$ bg
[1]  + continued  find / -type f -mtime -7 2> /dev/null > text.txt
```

3. Bring the previous background job into the foreground.

```
┌──(kali㉿kali)-[~/OSCP_Training]
└─$ fg
[1]  + running    find / -type f -mtime -7 2> /dev/null > text.txt
```

4. Start the Firefox browser on your Kali system. Use ps and grep to identify Firefox's PID.

```
┌──(kali㉿kali)-[~/OSCP_Training]
└─$ ps -elf | grep firefox
4 S kali     173728     919 48  80   0 - 753322 do_sys 23:22 ?      00:00:07 /usr/lib/firefox-esr/firefox-esr
4 S kali     173876  173728  0  80   0 - 597026 do_sys 23:22 ?      00:00:00 /usr/lib/firefox-esr/firefox-esr -contentproc -childID 2 -isForBrowser -prefsLen 96 -prefMapSize 238440 -jsInit 285716 -parentBuild
ID 20220330151638 -appdir /usr/lib/firefox-esr/browser 173728 true tab
4 S kali     173896  173728  4  80   0 - 606242 do_sys 23:22 ?      00:00:00 /usr/lib/firefox-esr/firefox-esr -contentproc -childID 3 -isForBrowser -prefsLen 190 -prefMapSize 238440 -jsInit 285716 -parentBuil
dID 20220330151638 -appdir /usr/lib/firefox-esr/browser 173728 true tab
4 S kali     173923  173728  3  80   0 - 603683 do_sys 23:22 ?      00:00:00 /usr/lib/firefox-esr/firefox-esr -contentproc -childID 4 -isForBrowser -prefsLen 4671 -prefMapSize 238440 -jsInit 285716 -parentBui
```

5. Terminate Firefox from the command line using its PID.

```
┌──(kali㉿kali)-[~/OSCP_Training]
└─$ kill 173728

┌──(kali㉿kali)-[~/OSCP_Training]
└─$ ps -elf | grep firefox
0 S kali     174575  173183  0  80   0 -  1577 pipe_r 23:24 pts/1    00:00:00 grep --color=auto firefox
```