

Zoe Boyle

Lab 4- out of lab

```
1. [zboyle1@gsuad.gsu.edu@snowball Lab4]$ grep "Union\\|Towns" mountainList.txt
    Brasstown Bald, (summit),4784,feet,Union County
        Hightower Bald, (summit),4568,feet,Towns County
Wolfpen Ridge, (ridge high point),4561,feet,Towns and Union
    Blood Mountain, (summit),4458,feet,Union County
Tray Mountain, (summit), 4430,feet,Towns County
Slaughter Mountain, (summit),4338,feet,Union County
Coosa Bald, (summit),4280,feet,Union County
```

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2. [zboyle1@gsuad.gsu.edu@snowball Lab4]$ grep "Rabun" mountainList.txt | wc -l
4
```

```
3. [zboyle1@gsuad.gsu.edu@snowball Lab4]$ grep -c "Rabun" mountainList.txt
4
```

4.

```
[zboyle1@gsuad.gsu.edu@snowball Lab4]$ sed 's/ridge high point/r.h.p./p' mountainList.txt
Brasstown Bald, (summit),4784,feet,Union County
Rabun Bald, (summit),4696,feet,Rabun County
Dick's Knob, (summit),4620,feet,Rabun County
Hightower Bald, (summit),4568,feet,Towns County
Wolfpen Ridge, (r.h.p.),4561,feet,Towns and Union
Wolfpen Ridge, (r.h.p.),4561,feet,Towns and Union
Counties
Blood Mountain, (summit),4458,feet,Union County
Tray Mountain, (summit), 4430,feet,Towns County
Grassy Ridge, (r.h.p.),4420,feet,Rabun County
Grassy Ridge, (r.h.p.),4420,feet,Rabun County
Slaughter Mountain, (summit),4338,feet,Union County
Double Spring Knob, (summit),4280,feet,Rabun County
Coosa Bald, (summit),4280,feet,Union County
```

A. [zboyle1@gsuad.gsu.edu@snowball Lab4]\$

```
[zboyle1@gsuad.gsu.edu@snowball Lab4]$ sed -n 's/ridge high point/r.h.p./p' mountainList.txt
Wolfpen Ridge, (r.h.p.),4561,feet,Towns and Union
Grassy Ridge, (r.h.p.),4420,feet,Rabun County
```

B.

C. -n only prints the processed lines

D. it printed the only two lines processed by sed, without the duplicates like the first time

```
[zboyle1@gsuad.gsu.edu@snowball Lab4]$ sed -n 's/^[ \t]*//p' mountainList.txt
Brasstown Bald, (summit),4784,feet,Union County
Rabun Bald, (summit),4696,feet,Rabun County
Dick's Knob, (summit),4620,feet,Rabun County
Hightower Bald, (summit),4568,feet,Towns County
Wolfpen Ridge, (ridge high point),4561,feet,Towns and Union
Counties
Blood Mountain, (summit),4458,feet,Union County
Tray Mountain, (summit), 4430,feet,Towns County
Grassy Ridge, (ridge high point),4420,feet,Rabun County
Slaughter Mountain, (summit),4338,feet,Union County
Double Spring Knob, (summit),4280,feet,Rabun County
Coosa Bald, (summit),4280,feet,Union County
```

5.

```
[zboyle1@gsuad.gsu.edu@snowball Lab4]$ sed -n 's/^[ \t]*//p' mountainList.txt>newList.txt
[zboyle1@gsuad.gsu.edu@snowball Lab4]$ cat newList.txt
Brasstown Bald, (summit),4784,feet,Union County
Rabun Bald, (summit),4696,feet,Rabun County
Dick's Knob, (summit),4620,feet,Rabun County
Hightower Bald, (summit),4568,feet,Towns County
Wolfpen Ridge, (ridge high point),4561,feet,Towns and Union
Counties
Blood Mountain, (summit),4458,feet,Union County
Tray Mountain, (summit), 4430,feet,Towns County
Grassy Ridge, (ridge high point),4420,feet,Rabun County
Slaughter Mountain, (summit),4338,feet,Union County
Double Spring Knob, (summit),4280,feet,Rabun County
Coosa Bald, (summit),4280,feet,Union County
```

6.

```
[zboyle1@gsuad.gsu.edu@snowball Lab4]$ sed -nr '/^[ \t]+/p' mountainList.txt
    Brasstown Bald, (summit),4784,feet,Union County
        Hightower Bald, (summit),4568,feet,Towns County
    Blood Mountain, (summit),4458,feet,Union County
    Grassy Ridge, (ridge high point),4420,feet,Rabun County
```

7.

```
[zboyle1@gsuad.gsu.edu@snowball Lab4]$ sed '/Union County/d' mountainList.txt
Rabun Bald, (summit),4696,feet,Rabun County
Dick's Knob, (summit),4620,feet,Rabun County
Hightower Bald, (summit),4568,feet,Towns County
Wolfpen Ridge, (ridge high point),4561,feet,Towns and Union
Counties
Tray Mountain, (summit), 4430,feet,Towns County
    Grassy Ridge, (ridge high point),4420,feet,Rabun County
Double Spring Knob, (summit),4280,feet,Rabun County
```

8.

9. [zboyle1@gsuad.gsu.edu@snowball Lab4]\$ sed -r 's/,,[^,]*,[^,]*,[^,]*,/,/g' mountainList.txt
Brasstown Bald,Union County
Rabun Bald,Rabun County
Dick's Knob,Rabun County
Hightower Bald,Towns County
Wolfpen Ridge,Towns and Union
Counties
Blood Mountain,Union County
Tray Mountain,Towns County
Grassy Ridge,Rabun County
Slaughter Mountain,Union County
Double Spring Knob,Rabun County
Coosa Bald,Union County

10. [zboyle1@gsuad.gsu.edu@snowball Lab4]\$ awk -F, '{print\$1","\$5}' mountainList.txt
Brasstown Bald,Union County
Rabun Bald,Rabun County
Dick's Knob,Rabun County
Hightower Bald,Towns County
Wolfpen Ridge,Towns and Union
Counties,
Blood Mountain,Union County
Tray Mountain,Towns County
Grassy Ridge,Rabun County
Slaughter Mountain,Union County
Double Spring Knob,Rabun County
Coosa Bald,Union County
[zboyle1@gsuad.gsu.edu@snowball Lab4]\$

11. [zboyle1@gsuad.gsu.edu@snowball Lab4]\$ sed '1 i\ > Table: Eleven highest mountains in Georgia' mountainList.txt
> Table: Eleven highest mountains in Georgia
Brasstown Bald, (summit),4784,feet,Union County
Rabun Bald, (summit),4696,feet,Rabun County
Dick's Knob, (summit),4620,feet,Rabun County
Hightower Bald, (summit),4568,feet,Towns County
Wolfpen Ridge, (ridge high point),4561,feet,Towns and Union
Counties
Blood Mountain, (summit),4458,feet,Union County
Tray Mountain, (summit), 4430,feet,Towns County
Grassy Ridge, (ridge high point),4420,feet,Rabun County
Slaughter Mountain, (summit),4338,feet,Union County
Double Spring Knob, (summit),4280,feet,Rabun County
Coosa Bald, (summit),4280,feet,Union County
[zboyle1@gsuad.gsu.edu@snowball Lab4]\$

```
[zboyle1@gsuad.gsu.edu@snowball Lab4]$ sort mountainList.txt
    Blood Mountain, (summit),4458,feet,Union County
    Brasstown Bald, (summit),4784,feet,Union County
Coosa Bald, (summit),4280,feet,Union County
Counties
Dick's Knob, (summit),4620,feet,Rabun County
Double Spring Knob, (summit),4280,feet,Rabun County
    Grassy Ridge, (ridge high point),4420,feet,Rabun County
    Hightower Bald, (summit),4568,feet,Towns County
Rabun Bald, (summit),4696,feet,Rabun County
Slaughter Mountain, (summit),4338,feet,Union County
Tray Mountain, (summit), 4430,feet,Towns County
Wolfpen Ridge, (ridge high point),4561,feet,Towns and Union
```

12.

```
[zboyle1@gsuad.gsu.edu@snowball Lab4]$ sort +2 -3 -rt, mountainList.txt
    Brasstown Bald, (summit),4784,feet,Union County
Rabun Bald, (summit),4696,feet,Rabun County
Dick's Knob, (summit),4620,feet,Rabun County
    Hightower Bald, (summit),4568,feet,Towns County
Wolfpen Ridge, (ridge high point),4561,feet,Towns and Union
    Blood Mountain, (summit),4458,feet,Union County
Tray Mountain, (summit), 4430,feet,Towns County
    Grassy Ridge, (ridge high point),4420,feet,Rabun County
Slaughter Mountain, (summit),4338,feet,Union County
Double Spring Knob, (summit),4280,feet,Rabun County
Coosa Bald, (summit),4280,feet,Union County
Counties
```

13.

```
[zboyle1@gsuad.gsu.edu@snowball Lab4]$ sed -E 's/((Union)\s(County))/\1:\2/g' mountainList.txt
    Brasstown Bald, (summit),4784,feet,Union:County
Rabun Bald, (summit),4696,feet,Rabun County
Dick's Knob, (summit),4620,feet,Rabun County
    Hightower Bald, (summit),4568,feet,Towns County
Wolfpen Ridge, (ridge high point),4561,feet,Towns and Union
Counties
    Blood Mountain, (summit),4458,feet,Union:County
Tray Mountain, (summit), 4430,feet,Towns County
    Grassy Ridge, (ridge high point),4420,feet,Rabun County
Slaughter Mountain, (summit),4338,feet,Union:County
Double Spring Knob, (summit),4280,feet,Rabun County
Coosa Bald, (summit),4280,feet,Union:County
```

14.

```
[zboyle1@gsuad.gsu.edu@snowball Lab4]$ sed -E 's/([^,]*)[,][^,]*[,][^,]*[,][^,]*[,]/\1,/g' mountainList.txt
    Brasstown Bald,Union County
Rabun Bald,Rabun County
Dick's Knob,Rabun County
        Hightower Bald,Towns County
Wolfpen Ridge,Towns and Union
Counties
        Blood Mountain,Union County
Tray Mountain,Towns County
        Grassy Ridge,Rabun County
Slaughter Mountain,Union County
Double Spring Knob,Rabun County
Coosa Bald,Union County
```

15.