



| Email | First | Last | Side | Lightsaber |
|---------------------|-------|-----------|-------|------------|
| luke@jedi.org | Luke | Skywalker | Light | Green |
| kenobi@jedi.org | Ben | Kenobi | Light | Blue |
| sithlord@empire.gov | Sheev | Palpatine | Dark | Red |

Problem: select fields from each record in a file

```
join -1 3 -2 3 jedi_example2.txt jedi_example3.txt | cut -f 2,3,1,4,7 -d ' '
```

```
Email First Last Side Lightsaber luke@jedi.org Luke Skywalker Light Green kenobi@jedi.org Ben Kenobi Light Blue sithlord@empire.gov Sheev Palpatine Dark Red
```

Sample problem 3

Use join to make a single file from exampleR1.nl.tsv and exampleR2.nl.tsv that has three columns: read name and the two lengths.