





awk '{if (\$1 ~ /^@.*/) {print \$1, "\t", \$3}}' exampleR1.fastq > exampleR1.nl.tsv

awk '{if ($$1 \sim /^0.*/$) {print substr(\$1, 2), "\t", substr(\$3, 8)}}' exampleR1.fastq > exampleR1.nl.tsv

Sample problem 1

Download "exampleR1.fastq" and "exampleR2.fastq"

Write an awk command that prints the name and length of each read in exampleR1.fastq. Write output to exampleR1.nl.tsv

```
awk '{if ($1 ~ /^@.*/) {print $1, "\t", $3}}' exampleR1.fastq > exampleR1.nl.tsv
```

Now alter it so that you make sure to strip off the "@" at the beginning of each read, and exclude the "length=".

```
awk '{if (\$1 \sim /^0.*/) {print substr(\$1, 2), "\t", substr(\$3, 8)}}' exampleR1.fastq > exampleR1.nl.tsv
```

join