

HW3

NZ

2025-02-02

REGULAR EXPRESSIONS

1

```
find: [ \t]{2, }  
replace: ,
```

Capture everything with two or more spaces. Replace with comma ### 2

```
find: (\w+), (\w+), (.*)  
replace: \2 \1 \(\3\)
```

capture every word that is separated by commas and any character except after the comma and the newline.
change the order of the words (1 and 2) and then add parentheses to the last characters (3 corresponding to the affiliation)

3

```
find: ^\s*(\d{4} .+?\s*.mp3)\s*  
replace: \1\n
```

Capture all the words that we want in the first line. Replace for a line break for each

4

```
find: ^\s*(\d{4})\s*(.+?)\s*(.mp3)  
replace: \2_\1\3
```

Choose the four digit number for each line. Move to the position that we want, before .mp3

5

```
find: (\w)\w+?,(\w+),[\d\.]+,(\d+) #replace: \1_\2,\3
```

6

```
find: (\w)\w+?,(\w{4})\w+?,[\d\.]+,(\d+)  
replace: \1_\2,\3
```

7

```
find: ^(\w{3})\w*,(\w{3})\w*,([\d\.]+),(\d+)$  
replace: \1\2, \4, \3
```

8

```
find: NA  
replace: 0
```

```
find: [^\w\s/0-9\t\n]  
replace:(just replace)
```