

# python\_text\_sequences\_strings\_operations\_workbook

September 14, 2020

## 1 TEXT SEQUENCE STRINGS OPERATIONS WORKBOOK

Have a go at the following questions to practice your new found skills.

If you have any questions go back to the course videos and have another look. If this doesn't help then the answer may be in one of the recorded Q&A or critique sessions. If not, please submit your question via email ([courses@swamphen.co.uk](mailto:courses@swamphen.co.uk)) and we can put it on the list to be answered in one of the Q&A sessions.

If you feel stuck and want some individual help, then you can have a look at the events page to see if one of those sessions will help. If not, remember I run 1-1 and small group tutorials.

```
In [37]: # set up some strings to work with
        empty = " "
        day = "    it's a beautiful day"
        track = '13'
        thru = 'breakthru    '
        son = 'son & daughter'
        rain = 'Rain Must Fall'
```

```
In [1]: # check empty is a null list
```

```
In [2]: # change the variable name empty to include some characters in a list
```

```
In [3]: # check to see if empty is still a null list
```

```
In [4]: # is the & sign in son an alpha or a numeric character?
```

```
In [5]: # check track is all numbers
```

```
In [6]: # show thru is all lower case
```

```
In [7]: # change thru to all capitals
```

```
In [8]: # to make this change permanent, give the capitalised version of thru
        # a new variable name
```

```
In [9]: # check it is indeed all capitals now
```

```
In [10]: # using day print out 'It's a beautiful day, the sun is shining'
```

```
In [11]: # create the correct lyrics of 'Break through to the sunshine from the rain'
        # using the variables thru and rain
```