

# python\_immutable\_sequences\_tuples\_workbook\_answers

September 17, 2020

## 1 PYTHON IMMUTABLE SEQUENCES TUPLES WORKBOOK ANSWERS

Remember, there are different ways to write code to get the same answer, so your answer can be correct and different to the answer example!

If you feel stuck and want some in person help, then have a look at the events page to join in a workshop <https://swamphen.co.uk/events>.

```
In [ ]: # make a tuple with 10 elements of your choice, remember the round brackets
        fairy = ('the', 'nymph', 'in', 'yellow', 'can', 'we', 'see', 'the', /
                 'master', 'stroke')
```

```
In [ ]: # what is the 8th element
        fairy[8]
```

```
In [ ]: # pick out alternate elements for the whole tuple
        fairy[0:10:2]
```

```
In [ ]: # check the tuple is 10 elements long
        len(fairy)
```

```
In [ ]: # what is the max of the tuple
        max(fairy)
```

```
In [ ]: # what is the min of the tuple
        min(fairy)
```

```
In [ ]: # add the first and fourth element together
        # creating a new variable name
        new = fairy[1] + fairy[4]
        print(new)
```

```
In [ ]: # how could you add this to the end of your tuple?
        list_fairy = list(fairy)
        print(list_fairy)
```

```
In [ ]: list_fairy.append(new)
        print(list_fairy)
```

```
In [ ]: new_fairy = tuple(list_fairy)
```

```
In [ ]: print(new_fairy)
```

```
In [ ]: # find where this new element is in your tuple  
new_fairy.index('nymphcan')
```