

# python\_selecting\_actions\_if\_workbook\_answers

September 17, 2020

## 1 PYTHON SELECTING ACTIONS IF STATEMENTS 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 [ ]: # define a list of 5 strings
        my_list = ['a', 'day', 'at', 'the', 'races']

In [ ]: # is the second element longer than the fourth element?
        if my_list[2] > my_list[4]:
            print('the second element is longer than the fourth element')

In [ ]: # is the third element longer than the zeroth element?
        if my_list[3] > my_list[0]:
            print('the third element is longer than the zeroth element')

In [ ]: # is there an a in the first element?
        if my_list[1][0] == 'a':
            print('there is an a in the first element')
        if my_list[1][1] == 'a':
            print('there is an a in the first element')
        if my_list[1][2] == 'a':
            print('there is an a in the first element')

In [ ]: # show that a day at the races was released in the fourth quarter of the 1900s
        # (it was released in 1976)
        adatr = 1976
        if adatr < 2000:
            if adatr > 1975:
                print("a day at the races was released in the fourth /
                    quarter of the 90's")
```