numpy_arrays_workbook

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1 NUMPY ARRAYS 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. One version of the answers is available in the next download. 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 [2]: # import numpy
- In [3]: # select the last element in the third row
- In [4]: # select the first two elements of the last row
- In [5]: # select every other row
- In [6]: # select every other column
- In [7]: # find where the even numbers are
- In [8]: # sort the array into numerical order
- In [10]: # pick out the middle number of the second row
- In [11]: # is this a sensible use of a 3 dimensional array?
- In [12]: # create a 3 dimensional NumPy array that contains 2
 # 2dimensional arrays of 3 rows and 2 columns
- In [13]: # does this need to be a 3 dimensional array?
- In [14]: # select the second number from the middle row of the second 2dimensional array
- In [15]: # select a slice of the last two numbers from each row
- In [16]: # select alternate rows