

# pytho\_for\_loops\_workbook

September 17, 2020

## 1 PYTHON FOR LOOP 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 [1]: *# write a for loop to times the numbers 1-10 by 2 and print them out*

In [2]: *# set up a string with your name in it  
# print out each letter individually*

In [3]: *# print out alternate letters from your name string*

In [4]: *# create a tuple of a mix of integers and floats  
# use a for loop and if statements to change the integers into floats  
# and the floats into integers  
# create an empty list to put your answers in*

In [5]: *# for the numbers 1-10 print out if they are odd or even*

In [6]: *# calculate all the possible rolls for 2 d6 die and sort the values numerically*

In [7]: *# remove duplicates from your list of die roll totals*

In [8]: *# fizz buzz  
# list numbers 1 - 100 and print it out with  
# numbers divisible by 3 being replaced by fizz  
# numbers divisible by 5 being replaced by buzz*