

A short exercise

General instructions

- Work with PyCharm.
- It is recommended to 'play around' with the Python interpreter.
- Adhere to conventions.
- Check your solution before handing it in.

A short exercise

We got an anonymous complaint that the exercises in the course are too long. So, from now on, you must write only one-line functions! That means:

- You can not create new lines.
- You can not use the sign ':' before a new line.
- You may use as many external modules (imports) as you like.
- You may thoroughly search the python documentation.
- You may use the `dir()` and `help()` functions.
- You may write lines as long as you want (not in accordance to conventions, **just this once**)
- Of course you still need to check your code using your main function (this can and should exceed one line).

Write the one-line function `avg_diff` that computes the average difference between 2 number lists. The difference is to be calculated member by member, and you may assume that the lists are of the same size.

For example:

```
>>> avg_diff([1, 2, 3, 4], [1, 1, 1, 1])  
1.5
```

Remember, distance is never a negative number!

Good luck!