Code Lay-Out

Code Lay-out is important in Python code. We don’t write Python just by ourselves but by a team. Your team and you share the same Python project together. Therefore, it is important to let your teammates easily understand what you write about. Also, the same code lay-out style for your team could shorten your program time and do more things.

In the famous American show "Silicon Valley", programmers argue over whether to use tabs or spaces. It's a joke, of course.In the Code Lay-out of Python website, it suggests us to use space instead of tabs, and we also need to use 4 spaces per indentation level. I don't think it matters, but the point is to make the project consistent.

In the example of “long_function_name”, “print(var_one)” should be the internal structure of “def long_function_name”, so it must be indented one more time than before “def long_function_name”. “var_one, var_two” are part of the” def long_function_name”, so “var_three, var_two, var_four” could be aligned vertically or use 2 spaces after “def long_function_name”. When we don’t want to have any elements of fiction in the first line, we should keep no arguments on the first line and further indentation should be used to clearly distinguish itself as a continuation line. If the function parameters are aligned with the internal structure of the function, it is easy to get confused. All in all, a good code layout can let others in your team see your logical structure at a glance.