Instruction:

1) State your desktop/computer software package you've used/installed such as Atom. Or share the web link if you are using Python online (0.4 pt).

2) State the difference between compiler and interpreter (0.4 pt).

3) Define OOP (0.4 pt).

4) After posting your solution, check each other's answers. Please ask questions and/or make at least one comment to one of the other responses (0.3 pt).

Submit your posts before the due date.

1. Desktop/ installed atom and python 3.10.6
2. Compiler is when you want to run a code, First It will translate to the machine language, if has error will failed, if not than when the code run, it will be all in the machine language. In the running time, it will not do any translate in the code running time. Interpreter is running the machine language while translate the code to machine language, every time the code run, it has to translate again.
3. OOP is a way of the thinking in programming. The purpose of oop is to be able to reuse a module in a project, the object can be anything, it’s mean you can let anything to be the object, than think the way to achieving the desired results.
4. 面向对象编程是单纯的对一个对象编程之后可以通过封装来调用它，有复用性。比如，在一个复杂的软件中，首先设计好整体的结构，再去对需要的功能分类，再具体的实现功能。

面向对象编程是一种思维方法，oop的目的是为了在程序中可以重复使用一个模板，以及在oop思维中可以明确自己程序的目的和需要做的事

Hi Wenchen, you are doing a great work. you know the advantages and disadvantage about compiler and the interpreter.