

i116: Basic of Programming

0. How to Tackle i116

Kazuhiro Ogata, Canh Minh Do

What You will Learn & be Able to Do

- You will learn
 - Python, a script/programming language, and
 - A systematic way of writing programs in Python from a number of tiny- and small-sized examples, such as programming language processors (interpreter, virtual machine and compiler), and
- will be able to
 - Read programs written in Python, and
 - Write programs in Python (or implement your ideas by writing programs in Python).

Assessment

- Homework only!
- Each piece of homework requires you to write programs in Python and write a report, explaining your programs, describing your understandings of your programs, etc. You are supposed to write one or more program files and one report in pdf. Note that program files submitted should have the extension .py and can be handled with the command python on a shell, and your name, student ID and email address should be written as a comment in each program file submitted.
- The course requires you to work hard!
- But it never requires to demonstrate your originality, creativity, etc. Please demonstrate your originality, creativity, etc. in your own research.

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Scores of Homework

Class 1	}	One piece of homework for each class (7 × 5 = 35)
Class 2		
Class 3		
Class 4		
Class 5		
Class 6		
Class 7		
Class 8	}	One piece of homework for the 3 classes (24)
Class 9		
Class 10		
Class 11	}	One piece of homework for the 4 classes (58)
Class 12		
Class 13		
Class14		

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What You should Do for each Class

- You are strongly recommended to read the lecture note & program used in the class in advance, and ask the lecturer about what you have not understood at the class.
- You are strongly recommended to go over what you have learned in each class after the class, checking if you have understood the lecture note & program used in the class.

If you have any questions on them, you can feel free to ask the lecturer on them by sending emails to the lecturer.

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What You should Do for Homework

- You should start tackling each piece of homework sooner than later.
Do not wait until one day or two before the submission deadline (this is too late)!
- You can discuss the problems with each other. You can use generative AI, such as ChatGPT, as well. You need to explicitly write who you have discussed, your role, what generative AI you have used and how you have used it. Needless to mention, however, you must write your programs & describe your reports (papers) by yourself! You may be interviewed by me when I think it is necessary to do so.
- **VERY IMPORTANT: Strongly prohibit you from plagiarizing others' solutions and from allowing others to plagiarize yours!**

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