

I217: Functional Programming

0. How to Tackle i217

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What You will Learn & be Able to Do

- You will learn
 - CafeOBJ, an algebraic specification & programming language,
 - A systematic way of writing programs/specifications in CafeOBJ, and
 - A way of checking (verifying) that they satisfy desired properties with the CafeOBJ systemfrom a number of tiny- and small-sized examples, such as programming language processors, and
- will be able to
 - systematically write programs/specifications in CafeOBJ, and
 - check (verify) that they satisfy desired properties with the CafeOBJ system.

Assessment

- Homework and exam
Full marks of the exam is 59.
Full marks of homework is 59.
- In the examination, you are allowed to use any paper materials, such as printed lecture notes and printed dictionaries, but not allowed to use any electronic gadgets.
- In addition to the examination, each class has homework. Each homework is assigned at classes.

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Scores of Homework

Class 1	}	One piece of homework for each class ($2 \times 3 = 6$)
Class 2		
Class 3	}	One piece of homework for the class (5)
Class 4	}	One piece of homework for each class ($2 \times 3 = 6$)
Class 5		
Class 6	}	One piece of homework for the class (5)
Class 7	}	One piece of homework for the class (7)
Class 8	}	One piece of homework for the 3 classes (14)
Class 9		
Class 10		
Class 11	}	One piece of homework for the 4 classes (16)
Class 12		
Class 13		
Class 14		

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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 the class after it, 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 lecturers on them by sending emails to the lecturers.

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What You should Do for Homework

- You should start tackling it as soon as its problems are available.
Do not wait until just a few days before the submission deadline (this is too late)!
- You can discuss the problems with each other.
Needless to mention, however, you must write your programs & describe your reports (papers) *by yourself*!
- **VERY IMPORTANT: Strongly prohibit you from plagiarizing others' solutions and from allowing others to plagiarize yours!**
- Note that some exercise problems are (intentionally) very tough, which are never chosen as homework problems.

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