Week 13 Studio
The End 👋

CS1101S AY21/22 Semester 1
Studio 05E

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Admin

- Contact tracing (QR code + class photo)

- YOU HAVE REACHED THE END!!!!!!!!

- Mastery Check 2

  - Please come and book with me!

- Practical assessment this Wednesday

  - May the force be with you

- Finals

  - May the force be with you as well man

Recap
(???)

Programming Methodology
What Have We Learnt

- Elements of programming

- Substitution model, recursion

- Higher-order functions, scope of names

- Order of growth, data abstraction

- List & tree processing, programming language processing

- CPS, searching, sorting, BST

Programming Methodology
What Have We Learnt

- Mutable data

- Environment model, arrays and loops

- Array searching & sorting, memoisation

- Streams

- Metacircular evaluator

Programming Methodology
… Actually Sneak Peak of Future Mods

- Elements of programming

- Substitution model, recursion

- Higher-order functions, scope of names

- Order of growth, data abstraction **CS2040S**

- List & tree processing, programming language processing **CS2040S**

- CPS, searching, sorting, BST **CS2040S**

Programming Methodology
What Have We Learnt

- Mutable data **CS2030S**

- Environment model, arrays and loops **CS2104**

- Array searching & sorting, memoisation **CS2040S**

- Streams **CS2030S**

- Metacircular evaluator **CS2104**

Looking Ahead
What To Take For Y1S2?

- OVERLOAD LIKE HELL COS WHY NOT

- ~~Useless~~ modules to take:

  - IS1103, ES2660, CFG1002 (is it even 2 MC LOL)

  - GER (GEA?), GEQ

  - Chiong all the GE mods

    - (sorry tembu peeps pls try appeal for IEM/SS)

Looking Ahead

Holy Trinity?

- I think it might be manageable

- Focus on these 3 modules

- How to prepare?

  - Make use of your winter heh

  - I didn't and I regretted it

ACADEMIC YEAR 2020/2021 SEMESTER 1

CFG1002	CAREER CATALYST
CS1101S	PROGRAMMING METHODOLOGY
CS1231S	DISCRETE STRUCTURES
MA1101R	LINEAR ALGEBRA I
MA1521	CALCULUS FOR COMPUTING
UTW1001E	FROM HUMAN TO 'POSTHUMAN'

BACHELOR OF COMPUTING (COMPUTER SCIENCE)
CUMULATIVE AVERAGE POINT
DEAN'S LIST

ACADEMIC YEAR 2020/2021 SEMESTER 2

CS1010R	PROGRAMMING METHODOLOGY
CS2030S	PROGRAMMING METHODOLOGY II
CS2040S	DATA STRUCTURES AND ALGORITHMS
CS2100	COMPUTER ORGANISATION
GER1000	QUANTITATIVE REASONING
IS1103	ETHICS IN COMPUTING
UTC1112G	SPECIAL TOPICS: SUSTAINABILITY

BACHELOR OF COMPUTING (COMPUTER SCIENCE)
CUMULATIVE AVERAGE POINT

Looking Ahead
What To Do During Winter?

- LEARN JAVA!!!!!

  - Make your life so much easier for 2030 and 2040

- Dai lo can do internship heh

- Advent of code 2021

  - https://adventofcode.com/

- Side projects

  - CVWO assignment

  - Frameworks & libraries e.g. React, Ruby on Rails

  - Coursera…?

Looking Ahead
Talk So Much So What Are You Taking Now?

- Just my own study plan

  - CS2106 Intro to OS

  - CS2103T Software Engineering

  - IT2900 Technical Management & LeAdErShIp

  - CS2101 Useless Mod 😪 (bopes)

  - ES2660 Useless Mod 😪

  - UTC2102 Tembusu Mod

Looking Ahead
Far Far Ahead… (but they'll come in no time)

- CS3243 Intro to Artificial Intelligence & CS3244 Machine Learning

- CS2109S wowz

- CS2102 Database Systems & CS2105 Computer Networks

- CS2104 & CS2107 for the brave souls

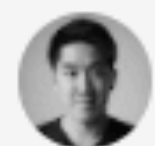- CS3210 & CS3211 Parallel (& Concurrent) Programming

- ATAP, SEP, NOC

2012 - 2022

0:16 / 15:20 • Intro

10 years of coding in 13 minutes

觀看次數：1,523,076次 • 2021年10月20日

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PANG KANG LOH

Thanks for the past 12 weeks &
ATB for exams and
see y'all around!