COMP90041

Programming and Software Development

Semester 2, 2021

Lab 1

Andrew Naughton

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Zoom Mode

❖ Camera
    ❖ Encouraged but not mandatory

❖ Questions?
    ❖ Unmute or Chat Area
    ❖ Discussion Board
    ❖ Email me
        (andrew.naughton@unimelb.edu.au)

Introduction

❖ Tutorials
   ❖ Monday (17) 11:00 – 12:00 [On-campus]
   ❖ Monday (2) 3:15 – 4:15 [Zoom]

Lab Structure

❖ Lab modules on Ed
    ❖ Basis for our labs
    ❖ Solutions released by end of week

❖ Your questions (including Worksheet questions)

About Me

❖ Subject Experience
  ❖ Semester 1, 2020 (G-Dip)
  ❖ Zero Java programming experience
  ❖ Had coded in Python and C previously
  ❖ Fun, hands-on, coding subject
  ❖ Foundational

❖ Education
  ❖ Master of Computer Science (2021-2022)
  ❖ Grad. Dip. in Computer Science (2020)
  ❖ Bachelor of Commerce (2017-2019)

❖ Work
  ❖ COMP10001 tutor (Python)
  ❖ COMP90041 tutor (Java)

5

What is COMP90041 about?

❖ The OOP paradigm through Java (the tool)

❖ OOP constructs
  ❖ Classes, Objects
  ❖ Inheritance
  ❖ Encapsulation
  ❖ Polymorphism

❖ Software design
  ❖ Unified Modelling Language

ICE BREAKER

1) What's your degree?
2) How long have you been studying for?
3) What subjects are you taking this semester?
4) What past subjects have you really enjoyed? (specific/general)
5) Where are you from?
6) An interesting fact about yourself (ideas: speak 3 languages? Ride a unicycle? Part-time busker?)
7) Favourite food?