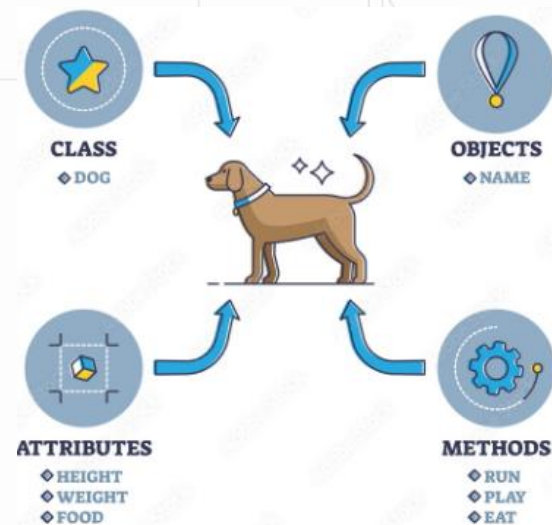


IS442

Object Oriented Programming

Introduction



> Teaching Team

G1



ZHANG Zhiyuan



WONG Boon Jhee

G2



ZHANG Zhiyuan



YEO Zhi Wei

G3



ZHU Bin



Cydnie NA Xin Yee

> Teaching Team - G1 (08:15am)



Prof: ZHANG Zhiyuan
zhiyuanzhang@smu.edu.sg
<https://t.me/zhiyuanzhang>



TA: WONG Boon Jhee
bjwong.2022@scis.smu.edu.sg
<https://t.me/itswbj>



Telegram Group (IS442-G1)
<https://t.me/+26SRB4z1xd8yYWFl>

> Teaching Team - G2 (12:00 noon)



Prof: ZHANG Zhiyuan
zhiyuanzhang@smu.edu.sg
<https://t.me/zhiyuanzhang>



TA: YEO Zhi Wei
zhiwei.yeo.2021@scis.smu.edu.sg
<https://t.me/zhiweiyeos>



Telegram Group (IS442-G2)
<https://t.me/+eCLfDTb23pMzNGE1>

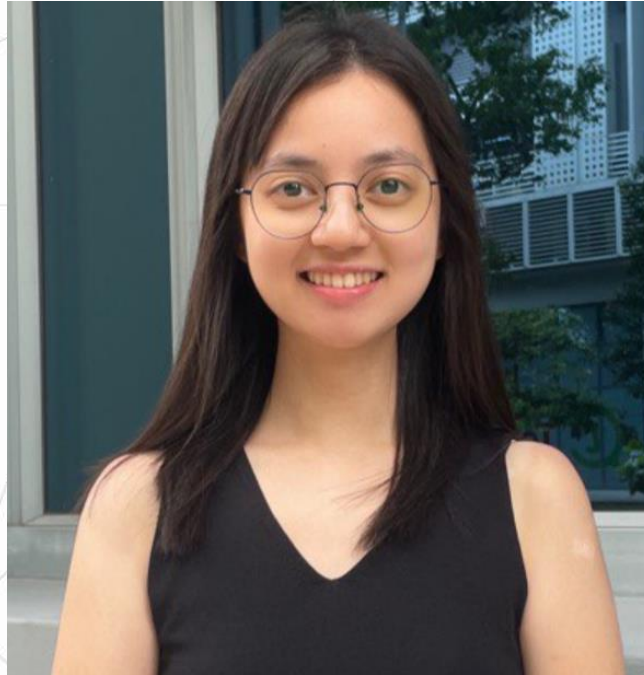
> Teaching Team - G3 (15:30am)



Prof: ZHU Bin

binzhu@smu.edu.sg

<https://t.me/binzhubz>



TA: Cydnie NA Xin Yee

cydnie.na.2021@scis.smu.edu.sg

<https://t.me/cydnie>



Telegram Group (IS442-G3)

<https://t.me/+jk85JXUIIDY2Zml1>

> Expectations

1. Feel free to approach TA outside of class for consultations or queries.
2. For course-related questions, please approach the instructors directly.
3. Please respect TA's time. They are students too!

> course objectives

1. Learn and apply basic concepts of Object Orientation
2. Practice problem solving skills using Java programming language
3. Apply good programming practices and design concepts to develop software

> the assessments

1. Class Participation	(9%)
2. Quizzes	(16%)
3. Group Project	(30%)
4. Lab Test	(45%)

> Schedule

Week	Topic	Major Assessments
1	Goodbye Python, Hello Java!	
2	Objects & Classes UML Basics	
3	Inheritance (1/2), Group Project Introduction	Quiz 1 (4%)
4	Packaging & Classpath	
5	Inheritance (2/2)	Quiz 2 (4%)
6	File Handling & Exceptions	
7	File Handling & Exceptions	Quiz 3 (4%)
8	Term Break	
9	UML Use Case & Sequence Diagrams	Lab Test 1 (20%): 9 Mar, Sat, 10:00 AM - 11:30 AM
10	Java Collections	
11	Classes & Variable Scoping	Quiz 4 (4%)
12	Arrays	
13	Project Presentation (On-Site)	Project deliverables(30%): 7 Apr, Sun, 11:59 PM
14		Lab Test 2 (25%): 8 Apr, Mon, 1:00 PM - 3:00 PM

> class participation (9%)

- > coming to class, putting up your name tent
- > be prepared for class. Watch the videos & complete the self-check quizzes(100%)
- > paying attention in class
- > submitting the ICE timely (Tuesday 18:00)
- > Any feed back can be filled [HERE](#) or scan

IS442 Weekly Exit Ticket



> I am skipping class!

- > valid reasons: accidents, illness, other misfortunes, sent by school/nation as representative in competitions/events.
- > invalid reasons: business & personal travels.
- > please inform us or scan



note:

- * not an excuse for not knowing what is going on. do find out from your friends what you have missed.
- * do arrange for consultation if you need help with the ICEs.

> Quizzes (16%)

1. Quizzes (16%)

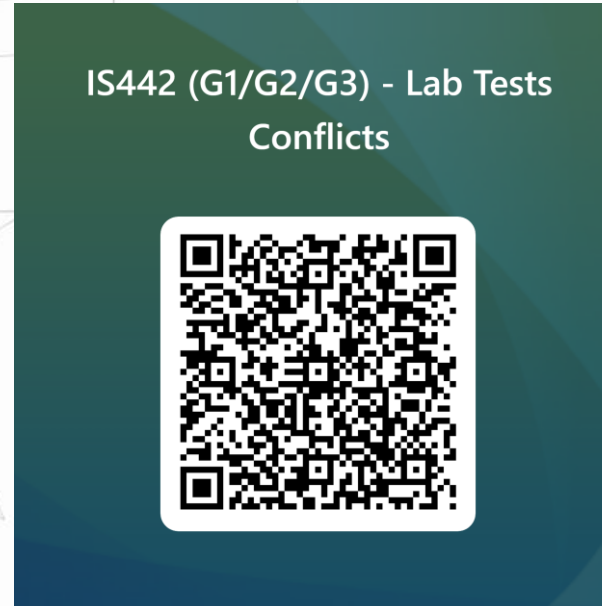
- > lockdown browser
- > no makeup quizzes if you miss any (e.g. competitions, MC)
- > 20 minutes between fri 3:30pm - sat 6pm
- > Can be done anywhere

> lab test (45%)

- > VSCode with Code Runner extension & Java 21
- > can refer to anything on the laptop.
- > no de-compiler.
- > no AI tools (Github Copilot, ChatGPT)
- > no mechanical keyboard allowed.
- > if you miss a lab test (e.g. MC), your score will be estimated.
- > the estimation will be based on:
 - * your performance on the other lab test/exam,
 - * and adjusted based on the difficulty levels of the two components.

> Lab Test Time Conflicts

Click [HERE](#) or scan:



Deadline: 11:45pm 11-Jan-2024

> ICE Submissions

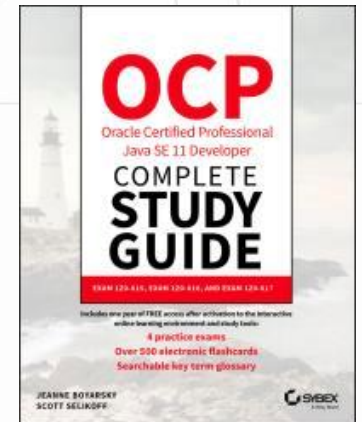
- > strictly follow [Java Coding Conventions](#).
 - * it is a good habit to develop!
 - * when in Rome, do as the Romans do.
- > your TA will give you feedback (specific weeks) on your coding style, clarity and efficiency.
- > your TAs' time is precious. you must submit original work.

> reference materials

[OCA Java SE 8 Programmer I Study Guide \(Exam 1Z0-808\)](#)

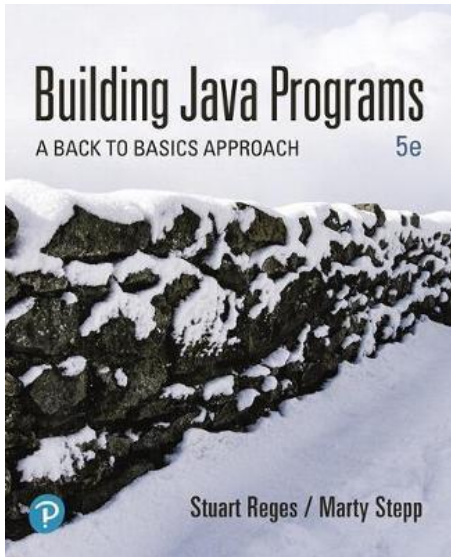


[OCP Oracle Certified Professional Java SE 11 Developer Complete Study Guide](#)



Use your SMU email to login!

> reference text



Building Java Programs [[ebook](#)]

Author : William F Punch, Richard Enbody

ISBN13: 978-0134380315

Companion Website:

<https://practiceit.cs.washington.edu/>

This ebook has 3 concurrent access.

```
while (!isSuccessful) {  
    waitAndRetry();  
}
```

> my expectations ...

before class

- > watch videos
- > complete self-check quizzes

in class

- > have a name tent
- > Ask questions. Take notes (Cornell notes recommended).

after class

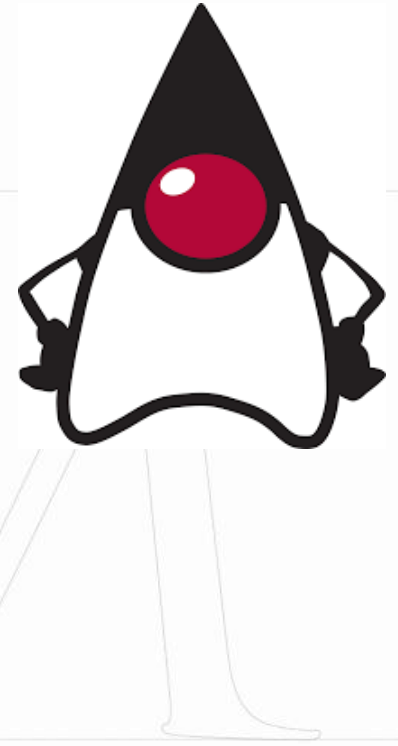
- > revise, practice & finish your ICE
- > ask questions. seek help.

> academic integrity

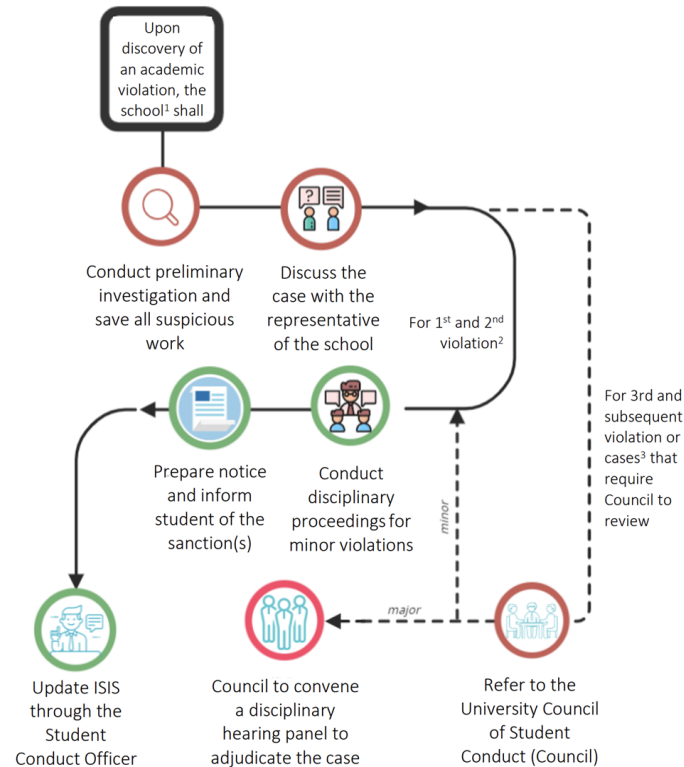
1. All acts of academic dishonesty (including, but not limited to, plagiarism, cheating, fabrication, facilitation of acts of academic dishonesty by others, unauthorized possession of exam questions, or tampering with the academic work of other students) are serious offences.
1. All work (whether oral or written) submitted for purposes of assessment must be the student's own work. Penalties for violation of the policy range from zero marks for the component assessment to expulsion, depending on the nature of the offence.
1. When in doubt, students should consult the instructors of the course.
1. Do refer to [SMU Code of Academic Integrity](#) for details.

> software

- > Java 21: <https://jdk.java.net/21/>
- > VSCode with Code Runner extension:
<https://code.visualstudio.com/download>



REPORTING PROCEDURE



¹ The school who offers the module shall conduct the investigations and consult the Associate Dean of the school where the student is from when deciding on the sanction.

² For academic cheating, a 2nd violation shall be referred to the Council for classification.

³ The school may refer cases of 1st or 2nd violation to the Council should there be other factors that warrants more severe sanctions e.g. severity of the infraction, the nature and extent of the harm caused.

- [SMU Student Policies and Guidelines](#), [SMU Code of Conduct](#), [SMU Code of Academic Integrity](#)

Students should comply with the above policies; any violation will be reported. For academic violation reporting, see graphic on the left.

- **Punctuality**
All individuals are expected to be punctual. A delay of **15 minutes** or more will be considered as an **absence**.
- **Class Participation**
Class participation is an important aspect of the university's assessment system. Students are expected to participate actively in class.
- **Absence Policy**
Three or more unexcused absences may result in a failing grade. Valid excuses include illness, family emergencies, or other circumstances deemed acceptable by the University. See [Attendance Policy](#).
- **Communication Policy**
It is imperative to maintain a communication environment free from toxic content. This includes but is not limited to any form of communication that may be considered harmful, disrespectful, or inappropriate. Such content is not tolerated in any of our communication channels, and its presence may result in disciplinary action.

- **Bullying, Harassment And Sexual Misconduct**

SMU endeavors to provide a safe study and work environment for all members of our community. See <https://voices.smu.edu.sg/>

- **Accessibility**

If you anticipate or experience physical or academic barriers due to disability, please contact the university's disability services team if you have questions or concerns about academic provisions: DSS@smu.edu.sg. See also

<https://smu.sharepoint.com/sites/oasis/SitePages/DSS/Student-Support.aspx>

Please be aware that the accessible tables in our seminar room should remain available for students who require them.

- **Mrs Wong Kwok Leong Student Wellness Centre**

The Student Wellness Centre is dedicated to providing students with top quality mental health support. This facility will provide safe spaces for students to explore and manage their personal lives through attending sessions with professional counsellors or simply to have a mental repose from the daily rigours of life. See <https://studentwellness.smu.edu.sg/>

- **Student Services Hub**

The Student Services Hub (SSH), located at Basement 1 Concourse of SMU Li Ka Shing Library, serves as the University's one-stop resource, knowledge and student services centre. At SSH, you will be able to seek assistance on just about any student-related issue. See <https://studentservices.smu.edu.sg/>

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The selling of these materials and/or any copies thereof are strictly prohibited under Singapore copyright laws. Printed materials and electronic materials are both protected by copyright laws. All students are subject to Singapore copyright laws and must strictly adhere to SMU's procedures and requirements relating to copyright.

Please also note that for some materials, the publishers may specifically state that each copy is for the personal use of one individual only and no further reprographic reproduction is allowed, including for personal use. These restrictions are spelt out clearly on these specific sets of resources and students are required to adhere to these rules.

Students who infringe any of the aforesaid rules, laws and requirements shall be liable to disciplinary action by SMU. In addition, such students may also leave themselves open to suits by copyright owners who are entitled to take legal action against persons who infringe their copyright.

We strongly urge all students to respect the copyright laws and abide by SMU's procedures and requirements relating to copyright.