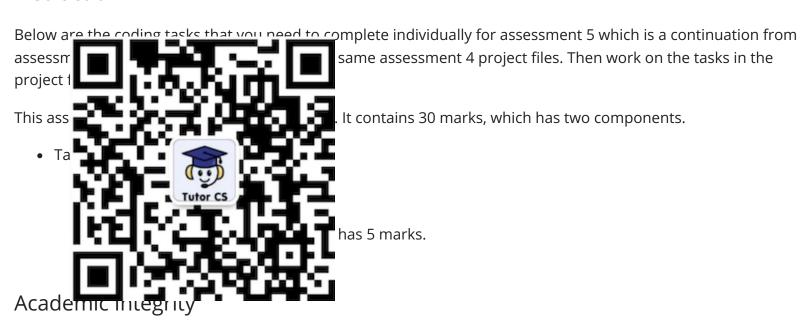
< Lessons

**Slides** 

Assessment #5

### Assessment #5 Submission deadline: 2 nd My 222 11:59th AEIT victory CS编程辅导

#### Instruction



Please be reminded of the academic integrity mentioned in Week 01. You should code alone and ask the unit staff for help. Do not post your code in public forums.

## at: cstutorcs

EVERY UNIT / SUBJECT OFFERED IN THE **FACULTY OF INFO TECH** HAS THEIR OWN ASSESSMENT. IT CAN BE A MID-TERM TEST, CODING TASKS, ESSAY REPORT OR FINAL EXAM.

# Task 1(W9 & St.) 20 marks ent Project Exam Help

• Code the class shell and instance variables called Assessment . An Assessment instance has the following attributes:

**csessmentName:**dength of 20 characters max Code the getter/accessor methods for all the instance variables

• Code the setter/mutator methods for all the instance variables.

**NOTE:** The code must protect the integrity of the class's instance variables as required and utilise appropriate

Code a subclass of Unit called UnitAssessment that has additional instance variables called

assessmentList which is an Arraylist of Assessment's object. This array can support up to 10 types

- A subclass's 4-parameter constructor that includes 3 instances variables from super class (unitCode, creditHour,offeredFaculty) and type of assessment.
- A public method called **addAssessment** to add a new assessment to **assessmentList** ArrayList. This method should utilise ArrayList method and return **true** upon success.

#### Code Readability (5 marks)

Overall code submission must be well organised and very easy to follow included but not limited to code indentation, code consistency, effective use of whitespace etc.

#### **Code Development & Documentation (5 marks)**

Overall code submission demonstrates correct method shell, syntax usage and meaningful naming conventions. Code documentations/inline comments are thorough and in detail.

#### **Submission Instruction**

Please submit your IntelliJ project folder as a .zip file and submit to via Moodle as below. If you are not sure how to zip your project, please refer to the video here.



#### **Marking Rubric**

