IT2030 – Object Oriented Programming   **Semester 1, 2022**

Instructions on submitting the assignment:

1. Copy all the java classes into a single notepad file and rename it with your student id.
2. Upload to the course web for the relevant center link visible during the time frame.

** Students are strictly advised to following the submission guidelines. Any student answer which is not following the correct instructions when submitting, will not be assessed.

**Please note that "Gradescope" will be used to check the plagiarism and the plagiarism benchmark will be 40%. (If the similarity report shows the code similarity percentage as 40% or above it will consider as copied.)

Write a class to create a new exception, called *InvalidITNumberException*, that prints out the error message "Invalid IT number" if the IT number is not according to the correct format. The valid IT number starts with characters "IT" and followed 8 numbers. Write another class called student that holds *StudentId* and *StudentName* which can be assigned through the constructor. It also should have a method called *display()* which prints the StudentId and StudentName. If the studentID is in incorrect format, *display()* method should have proper try catch statements to handle the exception. Create a class call *demo* with a main method to test the program.