CSE 215 Assignment-1

Sec: 5 Faculty: SvA

Marks: 100   **Deadline: 20.11.22**

<u>Submission Rules:</u>

Answer all the questions following the given guidelines. Submit the .java and PDF file. Format for naming both the file: StudentID_StudentName_Assignment-1. Make sure to submit your assignment before the deadline 20/11/22 11:59PM to avoid penalty.

Consider a class management system where courses offered for enrollment each have one or more sections. Students can be registered in only one section of a particular course, given that the timing does not overlap with any previously registered course. Once the enrollment is over, they should be able to see the list of courses they are enrolled in. Similarly, teachers should be able to see the list of sections they are assigned to and a list of students present in those sections.

a. Develop a JAVA program that will handle the mentioned requirements following the guidelines below: **(Note: You cannot use OOP concepts to accomplish this task. Don't use any other JAVA library classes except Array, Scanner and Date.)**   [90]
<u>**Re: PDF file is simply a .docx generated PDF file!! No need to complicate things as the deadline is short. Keep the code simple.**</u>

- Separate each feature (adding or removing a course enrollment, viewing enrolled course list etc.) into different methods and keep the main() method concise
- Recognize the type of user (student/teacher) using the system and design the program flow accordingly
- Place prompts for user appropriately
- Address a few error cases
- Use meaningful identifiers for methods and variables
- Use comments where necessary
- Show the offered course schedule, student and teacher list from your test data in the following format (in the pdf file):

Course	Section	Timing	Teacher

Student Name	Student ID

Teacher Name	Teacher ID

b. Do you think any aspect of the program could be done differently if OOP concepts were to be introduced? Explain briefly.   [10]