Java Programming 2

This course builds on the foundation of your previous Java 1 knowledge, delving into advanced programming concepts and techniques. It will enhance your skills as a Computer Science student by deepening your understanding of core Computer Science principles.

Topics To Cover

- Functional programming
- Object oriented Programming
- Interface
- Generic
- Enums
- I/O and File handling
- Data Structure and Algorithms
- Recursions and Fibonacci Sequence
- Searching Algorithms (Linear, Binary and Tree)

Mark

- Assignment (4) total 20%
- Lab (4) 20%
- Exam (1) 30%
- Project (1) 40%

ACTIVITY	OCCURRENCE	MARK(%)
Assignment	4	20%
Lab	4	20%
Exam	1	30%
Project	1	40%

Continuous Assessment

We have a dedicated four-month period of active learning, during which we will continually build upon our knowledge. Assignments and lab work will be distributed throughout these four months. Assignments will be assigned during the first two weeks of each month, while lab activities will take place in the last two weeks of each month.

We will be using Google Classroom for assignments, so every student is expected to have a Google account and be enrolled in the class. For Programming 2, assignments will be labeled with the prefix `p2-assignment-1`. All assignments will be shared in Google Classroom and will be available for submission only until the specified due date. After the due date has passed, students will no longer be able to submit their work.