ID511001: Programming 2

Project 1 (C# Console App): Learner Gradebook Marking Rubric

	10-9	8-7	6-5	4-0
Functionality	The app contains comprehensive and robust evidence on the following functionality: No code/file structure modification, reading from text files containing learners and lecturers, writing to text file containing learners, displaying all marks, displaying all grades, displaying highest, lowest and fail marks, displaying average marks, displaying average grades, adding a learner, removing a learner, displaying lecturer details, error handling and unit testing.	The app contains clear and detailed evidence on the following functionality: No code/file structure modification, reading from text files containing learners and lecturers, writing to text file containing learners, displaying all marks, displaying all grades, displaying highest, lowest and fail marks, displaying average marks, displaying average grades, adding a learner, removing a learner, displaying lecturer details, error handling and unit testing.	The app contains evidence on the following functionality: No code/file structure modification, reading from text files containing learners and lecturers, writing to text file containing learners, displaying all marks, displaying all grades, displaying highest, lowest and fail marks, displaying average marks, displaying average grades, adding a learner, removing a learner, displaying lecturer details, error handling and unit testing.	The app does not or does not fully contain evidence on the following functionality: No code/file structure modification, reading from text files containing learners and lecturers, writing to text file containing learners, displaying all marks, displaying all grades, displaying highest, lowest and fail marks, displaying average marks, displaying average grades, adding a learner, removing a learner, displaying lecturer details, error handling and unit testing.
Code Elegance	The app demonstrates comprehensive evidence on the following: • Use of OO principles. • Use of intermediate variables, constants, and try-catch blocks. • Idiomatic use of control flow, data structures and in-built functions. • Efficient algorithmic approach. • Sufficient modularity. • Commenting and formatting. • No dead or unused code.	The app demonstrates clear evidence on the following: • Use of OO principles. • Use of intermediate variables, constants, and try-catch blocks. • Idiomatic use of control flow, data structures and in-built functions. • Efficient algorithmic approach. • Sufficient modularity. • Commenting and formatting. • No dead or unused code.	The app demonstrates evidence on the following: • Use of OO principles. • Use of intermediate variables, constants, and try-catch blocks. • Idiomatic use of control flow, data structures and in-built functions. • Efficient algorithmic approach. • Sufficient modularity. • Commenting and formatting. • No dead or unused code.	The app does not or does not fully demonstrate evidence on the following: • Use of OO principles. • Use of intermediate variables, constants, and try-catch blocks. • Idiomatic use of control flow, data structures and in-built functions. • Efficient algorithmic approach. • Sufficient modularity. • Commenting and formatting. • No dead or unused code.

Documentation & Git Usage	README file contains comprehensive evidence on the following: • The app's class diagram. • How to run the unit tests. • Known bugs if applicable. Git commit messages are comprehensively formatted and reflect the changes in concise detail.	README file contains clear evidence of: • The app's class diagram. • How to run the unit tests. • Known bugs if applicable. Git commit messages are clearly formatted and reflect the changes in substantial detail.	README file contains evidence of: • The app's class diagram. • How to run the unit tests. • Known bugs if applicable. Git commit messages are formatted and reflect the changes in detail.	README file does not or does not fully contain evidence of: • The app's class diagram. • How to run the unit tests. • Known bugs if applicable. Git commit messages are not or are not fully formatted and do not or do not fully reflect the changes.

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Project 1 (C# Console App): Learner Gradebook Marking Cover Sheet

Name:

Date:

Learner ID:

Assessor's Name:

Assessor's Signature:

Criteria	Out Of	Weighting	Final Result
Functionality	10	40	
Code Elegance	10	45	
Documentation & Git Usage	10	15	
Final Result			/100
This assessment is worth 25% of the final mark for the Programming 2 course.			

Feedback:

Functionality:

Code Elegance:

Documentation & Git Usage: