MXB161 Original Creation Live Script Assessment Criteria

	7	6	5	4	3	2	1
Synthesis	Project synthesises techniques from two distinct topics correctly and cohesively, both of which are essential to the solution.	Project uses techniques from two distinct topics, but are not synthesised cohesively.	Project synthesises techniques from two distinct topics, but one or both techniques were not applied fully correctly.	Project synthesises techniques from two distinct topics, but one technique was not essential to the solution.	Project uses techniques from two distinct topics, but one technique is used inappropriately.	Project uses techniques from only one topic.	Project does not use techniques from any topics covered in the unit.
Extension	Project significantly extends a technique beyond what was covered in the worksheets in a way that is correct and essential to the solution.	Project significantly extends a technique beyond what was covered in the worksheets but the extension is not applied fully correctly.	Project presents only a trivial extension of a technique beyond what was covered in the worksheets.	Project extends a technique beyond what was covered in the worksheets but in a way that was not essential to the solution.	Project presents only a trivial extension of a technique and which is not essential to the solution.	Project extends a technique beyond what was covered in the worksheets in a way that is incorrect or inappropriate.	Project does not extend any technique from what was covered in the worksheets.
Novel Application	Project uses a novel scientific or engineering application that is well defined and appropriate for a computational solution.	Project uses a novel scientific or engineering application that is not clearly defined.	Project uses a novel application that is not genuinely scientific or engineering related.	Project use an application essentially already covered in worksheets.	Project uses a scientific or engineering application that is not appropriate for a computational solution.	Project describes a scientific or engineering application that is unrelated to the results presented.	Project uses no application.

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Clarity of code	Code is partitioned into relevant sections and/or functions, with clearly named variables, clear structure and effective commenting.	Code is partitioned into relevant sections and/or functions, with some departures from clearly named variables, clear structure and effective commenting.	Code is partitioned into relevant sections and/or functions, but not well structured or with poorly named variables.	Code is partitioned into relevant sections and/or functions, but not well commented.	Code is poorly structured and without helpful comments.	Code is largely unintelligible.	No code written.
Clarity of reporting	MATLAB Live Script contains clear and concise explanations of the project, the methodology and the results. No major spelling or grammatical errors.	Contains mostly clear explanations of most methods and results. Some minor language errors contribute to a lack of clarity.	Contains explanations of some results and methods. There are major language errors.	Contains brief explanations of some results or methods. There are many major language errors.	Contains very little explanation of any results or methods. Most sentences are fragmented or unintelligible.	No significant attempt made to report.	No reporting at all.
Live Script experience	MATLAB Live Script executes without error, completes in less than five minutes, illustrates the relevant and enlightening aspects of the solution using clear and appropriate audio/visual means.	Executes without error, but takes more than five minutes to run. Illustrates the relevant and enlightening aspects of the solution using clear and appropriate audio/visual means.	Executes without error, illustrates the relevant aspects of the solution with minimal or inappropriate audio/visual means.	Executes without error, but fails to complete in under ten minutes, while still illustrating the relevant aspects of the solution.	Executes with a recoverable error.	Fails to execute correctly even after recovery is attempted.	No Live Script.