Name: ___

ICS4U Project Marking Rubric   ___ **/ 100**

THINKING – Program Analysis & Design

Level 0 (<50%)	Level 1 (50 – 59%)	Level 2 (60 – 69%)	Level 3 (70 – 79%)	Level 4 (80 – 100%)
Program design proposal not provided.

No programming concepts outlined or explained.

Implementation steps not followed. | Program design proposal is minimal.

Few programming concepts outlined and explained.

Implementation steps minimally followed.
Little to no analysis & problem-solving skills shown. | Program design proposal has some missing parts/steps

Some programming concepts outlined and explained.

Some implementation steps were followed.
Some analysis & problem- solving skills shown. | Program design proposal is clear and complete (includes all major features/ steps).

Most programming concepts outlined and explained well.

Most implementation steps were followed. Considerable analysis & problem-solving skills shown. | Program design proposal is clear, complete, concise, comprehensive, and modular.

All programming concepts outlined and explained thoroughly.

All implementation steps show excellent analysis & problem-solving skills. |

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APPLICATION – Program Implementation & Functionality, Code Structure & Design

Level 0 (<50%)	Level 1 (50 – 59%)	Level 2 (60 – 69%)	Level 3 (70 – 79%)	Level 4 (80 – 100%)
The program is not provided.	Incomplete. Program is missing some major features and/or has significant errors.

Demonstrates few required programming skills & concepts. | Somewhat complete. Program is missing some minor features and/or has some minor errors.

Demonstrates some required programming concepts & skills. | Mostly complete. Program has some minor errors and/or omissions.

Demonstrates most required programming concepts & skills. | Complete and passes all tests with no errors.

Demonstrates exceptional understanding of all programming concepts & skills. Exceeds expectations. |

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COMMUNICATION – Code Readability, Organization, Documentation & Maintenance

Level 0 (<50%)	Level 1 (50 – 59%)	Level 2 (60 – 69%)	Level 3 (70 – 79%)	Level 4 (80 – 100%)
No formatting or comments provided. Methods/variables not used or naming incorrect, not descriptive. Documentation is not provided.	Minimal formatting and comments provided. Method/variable naming incorrect, not descriptive. Documentation is minimal/incomplete. Many spelling and/or grammar errors interfere with understanding.	Some formatting and comments provided. Method/variable naming somewhat correct, descriptive. Documentation is missing some parts. Some spelling and/or grammar errors interfere with understanding.	Good formatting and comments provided. Method/variable naming mostly correct, descriptive. Documentation is mostly complete. Minor spelling and/or grammar errors do not interfere with understanding.	Excellent formatting and comments provided. Method/variable naming meaningful and descriptive. Documentation is exceptional and detailed. No spelling or grammar errors.

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