

Assignment 3 Rubric

Part A (51 marks)

Functionality (42 marks)

Function	Rudimentary (2)	Acceptable (4)	Accomplished (6)
Barista Thread Implementation	Limited thread creation / initialization.	Only able to create a limited number of threads, or thread initialization has problems.	Arbitrary number of threads created properly
Barista Model Implementation	Does not implement both models.	Implements both models, but has errors or insufficient structures or support	Implements both models and any buffers / data structures needed to support them.
Buffer Protection	Buffers improperly protected or only some buffers protected.	All buffers protected, uses busy wait	All buffers protected without busy-waits
Experiment 1	Limited insight and insufficient evidence	Limited insight or insufficient evidence	Thorough insight supported by evidence
Experiment 2	Limited insight and insufficient evidence	Limited insight or insufficient evidence	Thorough insight supported by evidence
Experiment 3	Limited insight and insufficient evidence	Limited insight or insufficient evidence	Thorough insight supported by evidence
Experiment 4	Limited insight and insufficient evidence	Limited insight or insufficient evidence	Thorough insight supported by evidence

Code Style / Documentation (9)

Element	Rudimentary (1)	Developing (2)	Accomplished (3)
Commenting	Insufficient citations or Insufficient comment coverage or comments explain code rather than concepts	Well cited, sufficient comments to understand concepts	Very Well Cited and very well written comments
Code Style	Code poorly organized or difficult to read	Code well organized, difficult to read	Code well organized and easy to read
README	Includes limited information about system including instruction to compile and run and assumptions made	Includes most notes about system including instruction to compile and run and assumptions made, but misses at least 1	Clearly includes all notes about system including instruction to compile and run and all assumptions made

Part B (30 marks)

	Rudimentary (1)	Developing (2)	Accomplished (3)
Question Answer	Is factually correct, but does not address all parts of the question or fails to support with evidence	Is factually correct, addresses all parts of the question and supports with evidence	Is factually correct, addresses all parts of the question, supports with evidence and provides cogent insight into the question