

CPSC 319 – Winter 2024 – Programming Assignment 1: Comparing Algorithms

GRADING SUMMARY

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PROGRAM:		/14 pts
REPORT:		/5 pts
TOTAL		/19 pts

PROGRAM

Program builds correctly	Yes	No
Runs: completes with zero run-time errors	Yes	No

IMPORTANT: Source code that does not compile or produces run-time errors will receive 0%

Functionality: produces correct output		Correct 1	Fail 0	TOTAL	
Function #1	'fibonacciRecursive()'				/1 pt
Function #2	'fibonacciLoop()'				/1 pt
Function #3	'fibonacciMatrix()'				/1 pt
Function #4	'matrixPower()'				/1 pt
Function #5	'matrixMultiply()'				/1 pt
Function #6	'measureTime()'				/1 pt
Function #7	'main()' <u>including</u> the required print out on screen				/1 pt
TOTAL					/7 pts

IF **Functionality** NOT equal to zero:

Readability: is code <u>clear</u> + <u>commented</u> + <u>credited</u> as outlined in the assignment specs?		Correct 1	Fail 0	TOTAL	
Function #1	'fibonacciRecursive()'				/1 pt
Function #2	'fibonacciLoop()'				/1 pt
Function #3	'fibonacciMatrix()'				/1 pt
Function #4	'matrixPower()'				/1 pt
Function #5	'matrixMultiply()'				/1 pt
Function #6	'measureTime()'				/1 pt
Function #7	'main()' <u>including</u> the required print out on screen				/1 pt
TOTAL					/7 pts

REPORT

Criteria	Correct 1	Fail 0	TOTAL	
Plots: show important trends in data				/1 pt
Question #1:				/1 pt
Question #2:				/1 pt
Question #3:				/1 pt
Question #4:				/1 pt
TOTAL				/5 pts