

CMPE 260 Laboratory Exercise 4

Execute Stage

Mohammed Fareed
Performed: March 28, 2024
Submitted: March 31, 2024

Lab Section: 4
Instructor: Prof. Richard Cliver
TA: Aubrey Tarmu
Henry Bang
William Tom

Lecture Section: 2
Professor: Prof. Marcin Lukowiak

By submitting this report, you attest that you neither have given nor have received any assistance (including writing, collecting data, plotting figures, tables or graphs, or using previous student reports as a reference), and you further acknowledge that giving or receiving such assistance will result in a failing grade for this course.

Your Signature: _____

Abstract

Design Methodology

Results and Analysis

Conclusion

Exercise 3: Instruction Fetch and Decode Stages

Student's Name: Mohammed Fareed Section: 4

PreLab		Point Value	Points Earned	Comments
PreLab	Fetch TB Shell	4	4	TJS 2/22/24 ↓ ↓
	Fetch Stage Wrapper	4	4	
	Decode Stage Wrapper	4	4	

Demo		Point Value	Points Earned	Date
Part 1 Fetch	Behavioral Simulation	6	6	agt 3-7 ↓
	No Synthesis Warnings	4	4	
	Post-Synthesis Timing Simulation	3	3	
	No Implementation Warnings	4	4	
	Post-Implementation Timing Simulation	3	3	
	ModelSim Behavioral Waveform	5	5	
Part 2 Decode	Behavioral Simulation	7	7	agt 3-7 ↓
	No Synthesis Warnings	5	5	
	Post-Synthesis Timing Simulation	4	4	
	No Implementation Warnings	5	5	
	Post-Implementation Timing Simulation	4	4	

To receive any grading credit students must earn points for both the demonstration and the report.