

ECEEC-355

Project 5: Pipelining RISC-V Simulation with Data Forwarding

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1 Introduction

You may work on this project in a team of up to two members. This project is due on **August 29, 2020**.

2 Required Reading

Chapter 4, The Processor, Sections 4.5 – 4.7

3 Task

Integrate your pipeline simulator with a forwarding unit. Test your simulator using *../cpu_traces/project_five* with the following configurations:

- $x1 = 0$; $x5 = 26$; $x6 = -27$
- $40(x1) = 100$

4 Submission

1. Summarize your experiment in 3. Compile your report in PDF format.
2. All the source codes.
3. Zip above and submit through Bblearn.