
CS 4200 Computer Architecture

Submission requirements:

Submit a two-page report in PDF format and zip your C/C++ code (RISC-V) to the appropriate assignment on Canvas with a cover page provided on Canvas.

Assignment:

You are given a software written in C++ for the RISC-V softcore. Your assignment is to create a build environment to compile the C++ code into binary and execute it with the softcore provided. You must use G++ instead GCC compiler.

What you need to submit to Canvas:

1. A two-page report in pdf.
2. You must code two subroutines that calculate 2^P , one using iterative method and the other using recursive method.
3. A zip file that contains that contains the following components:
 - a. Your build directory with all the software files that need to the software provide to the class.
 - b. Your project output in text form

More details about the program will be discussed in class.