${ m CS}$ 200 Algorithm Analysis Exam 1C

Name:
• This is a closed book exam; only 1 sheet (both sides) of handwritten notes is permitted.
• No calculators, no computers, no phones, no electronics.
• You will have 50 minutes for this exam.
• Make sure you have answered all problems before moving on to the bonus problem.
Instruction This exam contains 7 questions, 8 pages (including the cover) for a total of 65 points. Your score will be taken out of 60 points maximum. Work as many problems as possible. When presenting an algorithm, provide a short preliminary explanation of how it works before a formal description, and use examples or diagrams if they are needed to make your presentation clear. Please be concise and give well-organized explanations Rambling or poorly written/organized explanations, which are difficult to follow, will receive less credit.
Sign below to re-commit to the Wooster Ethic:
I hereby join this community with a commitment to the Wooster Ethic upholding academic and personal integrity and a culture of honesty and trust in all my academic endeavors, social interactions, and official business of the College. I will submit only my own original work, and respect others and their property. I will not support by my actions or inactions the dishonest acts of others.

Signature: