Project1 for Intro to Computer Systems 2025 spring

Yiming Cheng

12450588

Project1 for Intro to Computer Systems 2025 spring

File Structure:

Result:

Details:

File Structure:

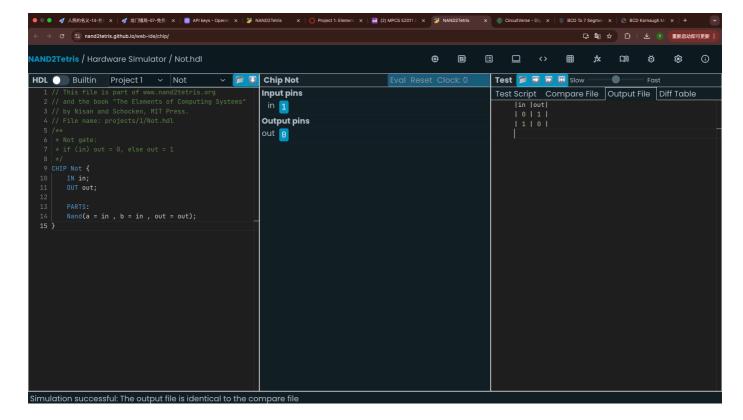
Result:

- 1. Not: work
- 2. And work
- 3. Or work
- 4. Xor work
- 5. Not16 *work*

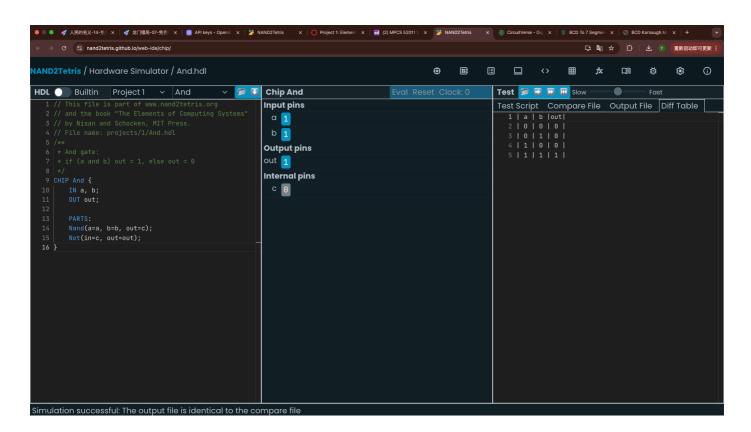
- 6. And 16 work
- 7. Or16 work
- 8. Or8Way work
- 9. Mux work
- 0. $\mathsf{DMux} work$
- 1. Mux16 *work*
- 2. Mux4Way16 work
- 3. Mux8Way16 *work*
- 4. DMux4Way work
- 5. DMux8Way work

Details:

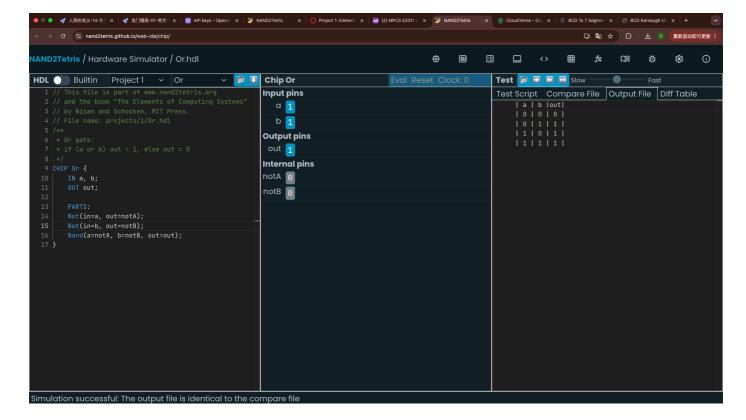
1. Not



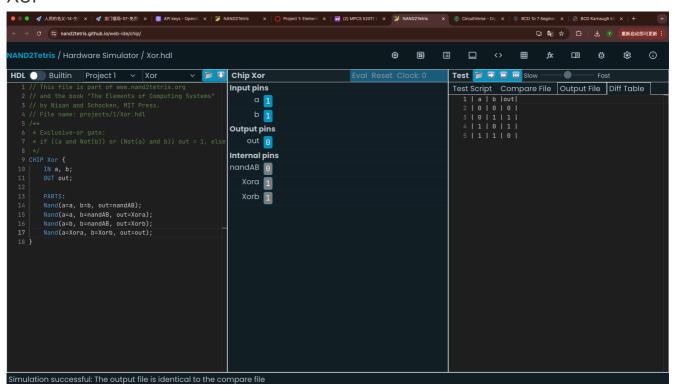
2. And



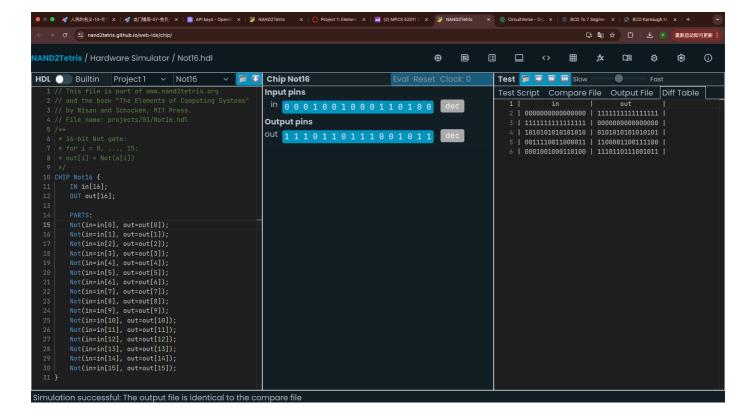
3. Or



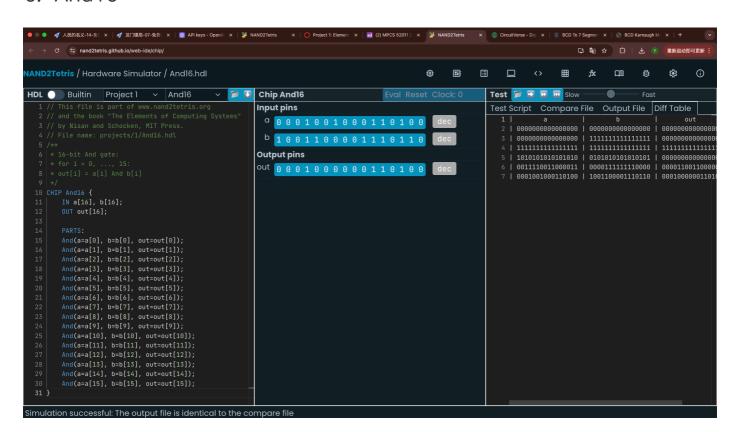
4. Xor



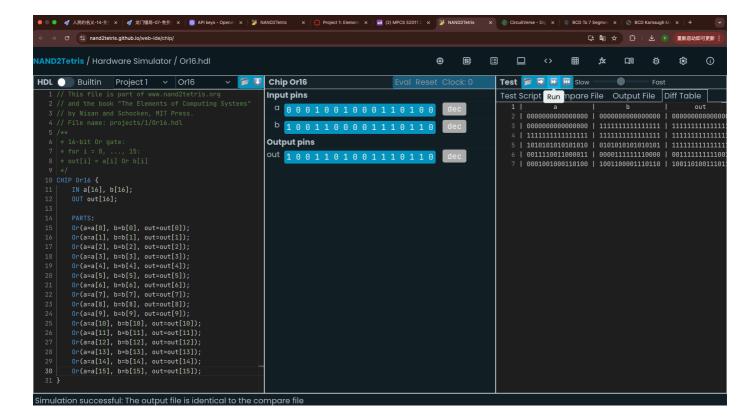
5. Not16



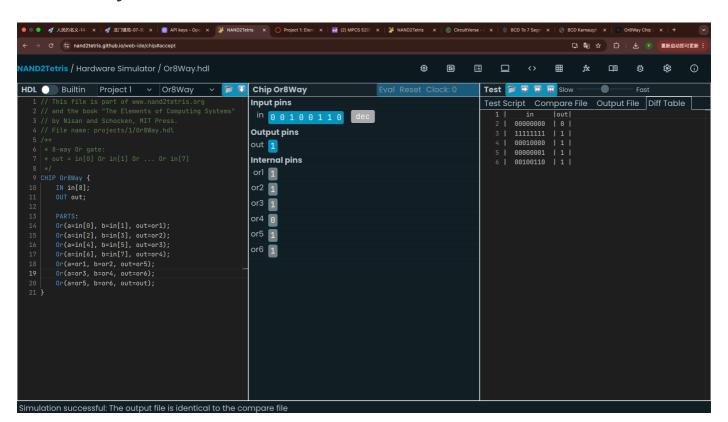
6. And 16



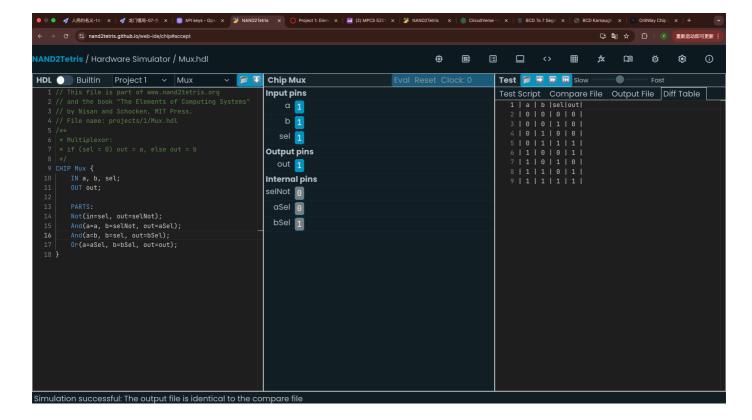
7. Or16



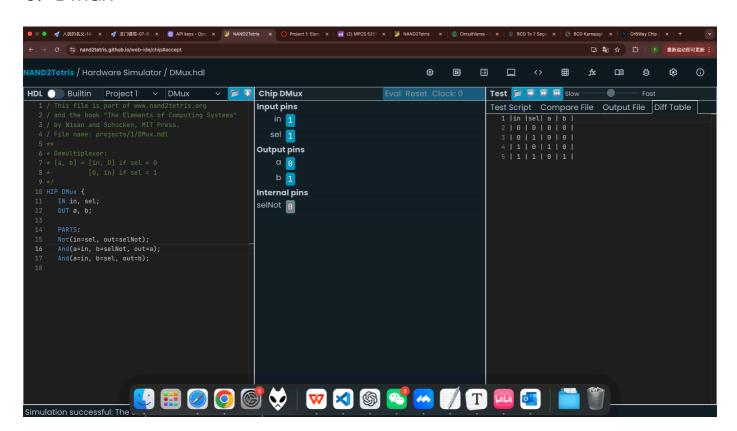
8. Or8Way



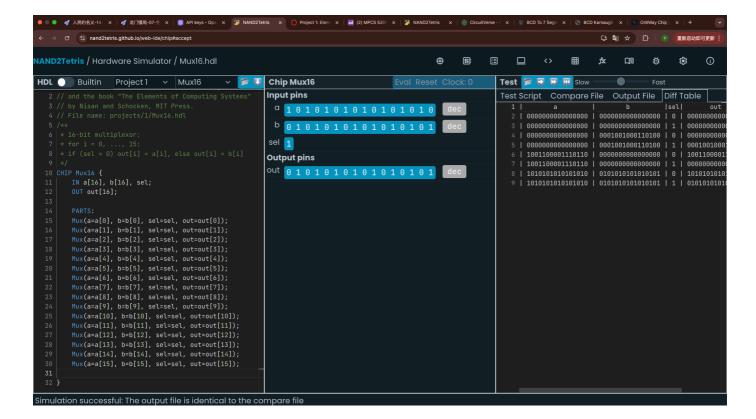
9. Mux



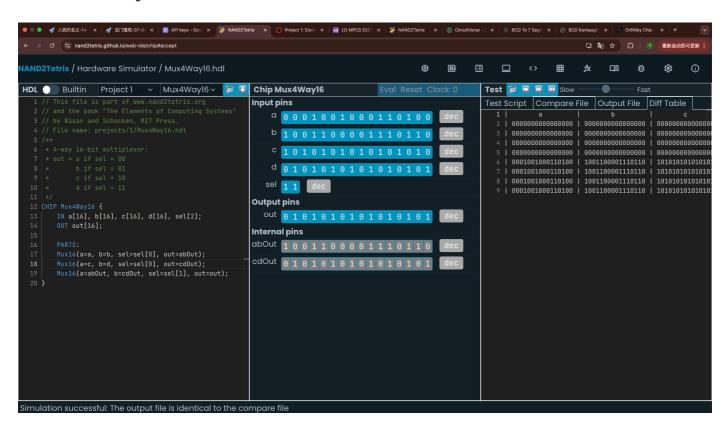
0. DMux



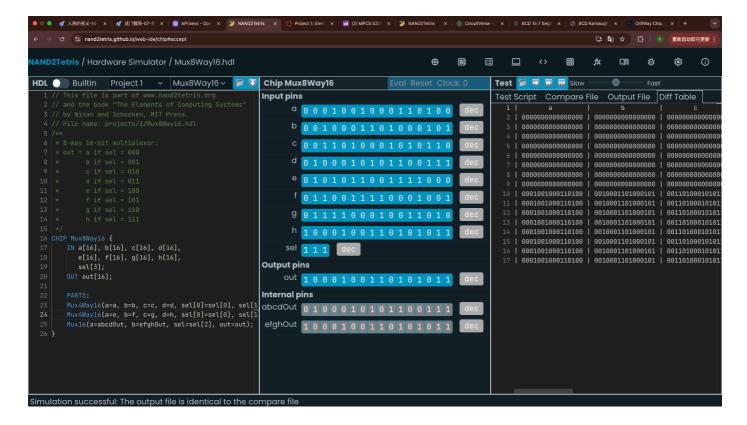
1. Mux16



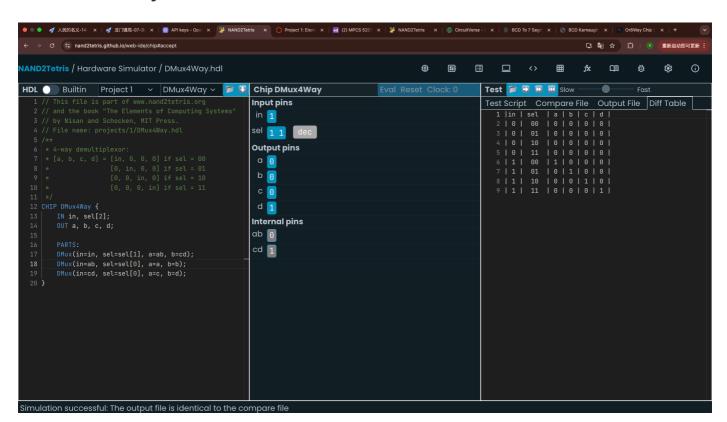
2. Mux4Way16



3. Mux8Way16



4. DMux4Way



15 /. DMux8Way

