

Unidade Lógica e Aritmética (ULA) e Banco de Registradores

Organização e Arquitetura de Computadores (1/2017)

Professor: Marcelo Grandi Mandelli

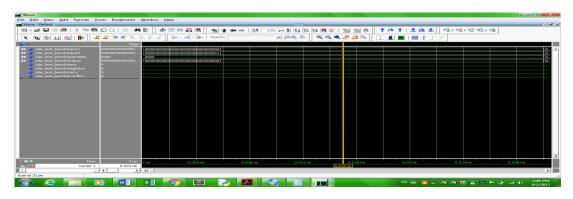
Autores:

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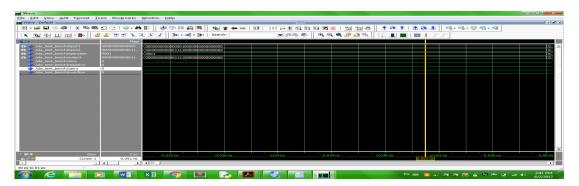
Turma: C

Abaixo, constam os testes feitos na ULA produzida no trabalho:

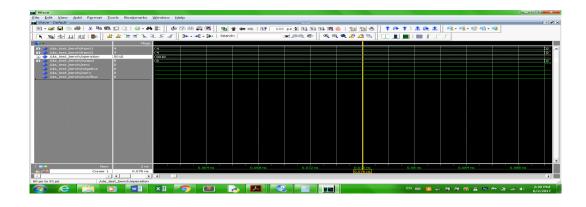
• Teste para operação AND



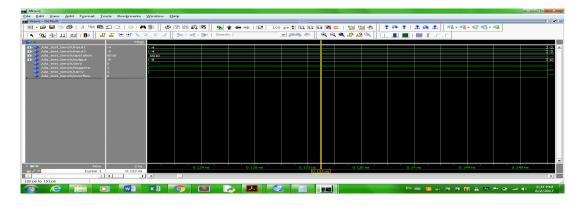
• Teste para operação OR



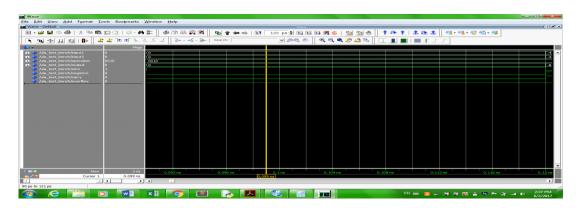
- Teste para operação ADD
 - Positivo



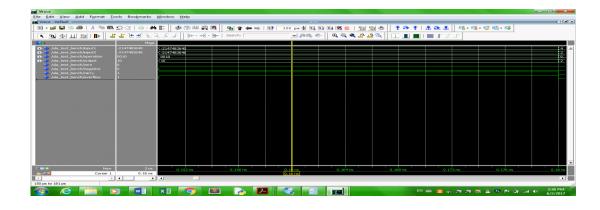
Negativo



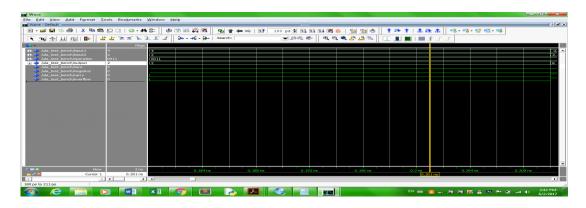
Zero



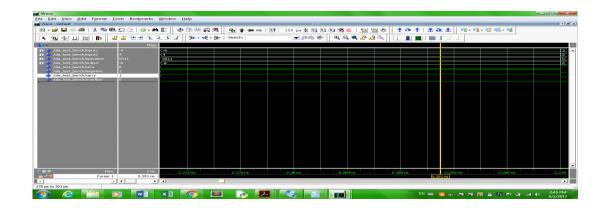
• Overflow



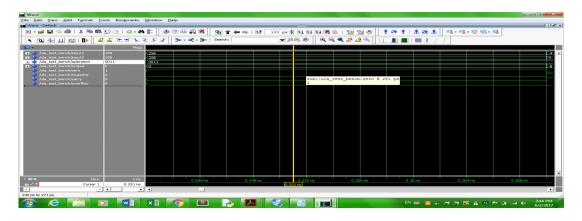
- Teste para operação SUB
 - Positivo



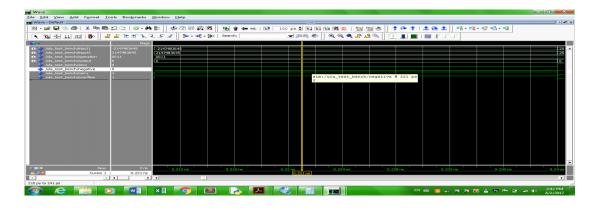
Negativo



• Zero

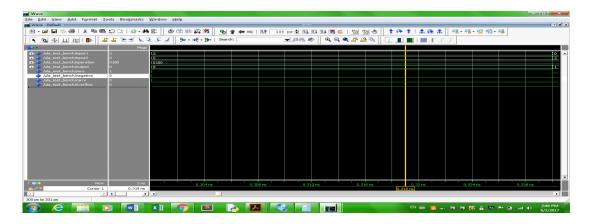


Overflow

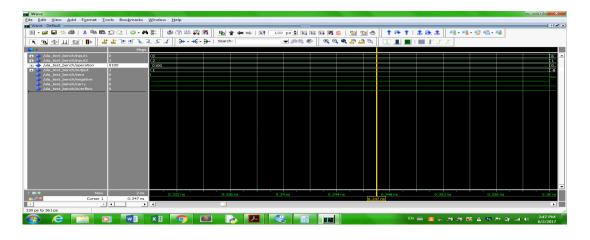


• Teste para operação SLT

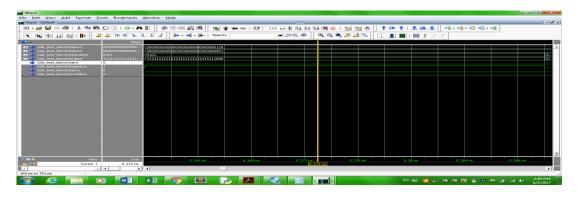
• A > B



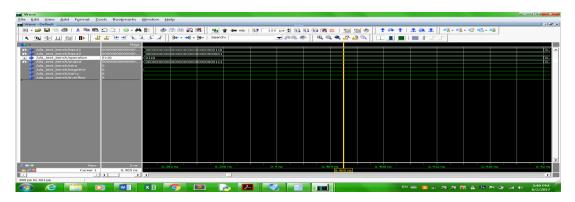
• A < B



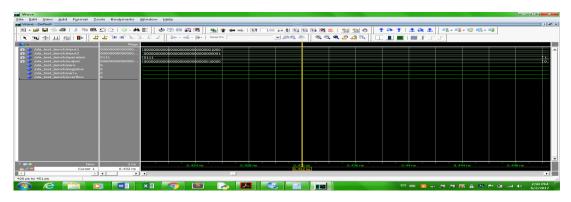
Teste para operação NOR



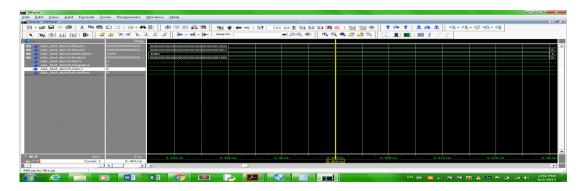
Teste para operação XOR



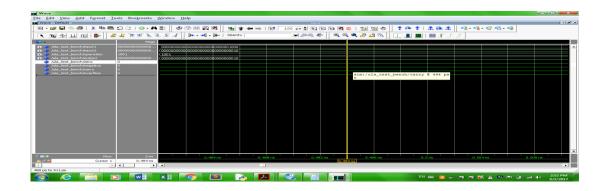
• Teste para operação SLL



Teste para operação SRL

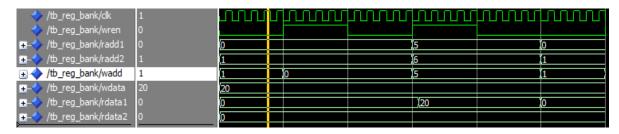


• Teste para operação SRA

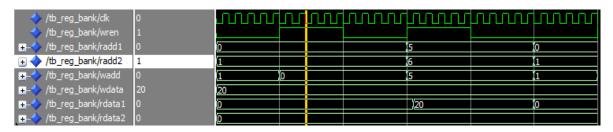


Abaixo, constam os testes feitos no REG_BANK produzido no trabalho:

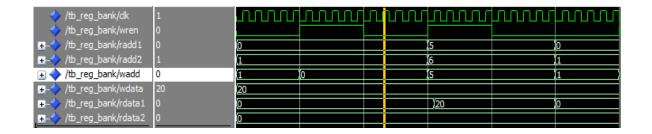
• Teste para desabilitar a escrita



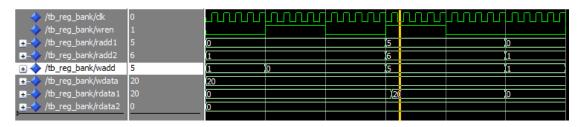
• Teste para escrever em 0



• Teste para leitura em 0



• Teste para escrever em uma posição qualquer



• Teste para leitura

