Lab 4 – Reese Ford

02/12/2024

A screenshot of a computer

Description automatically generated

\*\*\*\*\*\*\* BEGIN TEST RESULTS \*\*\*\*\*\*\*

Test Case 1

LDUR X9, [X22, #240]

+++ Step 1: Pass: |rn\_num| time = 2 ns | er = 22 | ar = 22 | er\_bits = 5 | ar\_bits = 5 +++

+++ Step 2: Pass: |rd\_num| time = 2 ns | er = 9 | ar = 9 | er\_bits = 5 | ar\_bits = 5 +++

+++ Step 3: Pass: |address| time = 2 ns | er = 240 | ar = 240 | er\_bits = 9 | ar\_bits = 9 +++

+++ Step 4: Pass: |opcode| time = 2 ns | er = 1986 | ar = 1986 | er\_bits = 11 | ar\_bits = 11 +++

Test Case 2

ADD X10, X21, X9

+++ Step 1: Pass: |rm\_num| time = 12 ns | er = 9 | ar = 9 | er\_bits = 5 | ar\_bits = 5 +++

+++ Step 2: Pass: |rn\_num| time = 12 ns | er = 21 | ar = 21 | er\_bits = 5 | ar\_bits = 5 +++

+++ Step 3: Pass: |rd\_num| time = 12 ns | er = 10 | ar = 10 | er\_bits = 5 | ar\_bits = 5 +++

+++ Step 4: Pass: |opcode| time = 12 ns | er = 1112 | ar = 1112 | er\_bits = 11 | ar\_bits = 11 +++

Test Case 3

STUR X10, [X23, #64]

+++ Step 1: Pass: |rn\_num| time = 22 ns | er = 23 | ar = 23 | er\_bits = 5 | ar\_bits = 5 +++

+++ Step 2: Pass: |rd\_num| time = 22 ns | er = 10 | ar = 10 | er\_bits = 5 | ar\_bits = 5 +++

+++ Step 3: Pass: |address| time = 22 ns | er = 64 | ar = 64 | er\_bits = 9 | ar\_bits = 9 +++

+++ Step 4: Pass: |opcode| time = 22 ns | er = 1984 | ar = 1984 | er\_bits = 11 | ar\_bits = 11 +++

Pass Count = 12

Fail Count = 0

\*\*\*\*\*\*\* END TEST RESULTS \*\*\*\*\*\*\*