NUST CHIP DESIGN CENTRE

Digital Design Verification

DLD – Worksheet 2

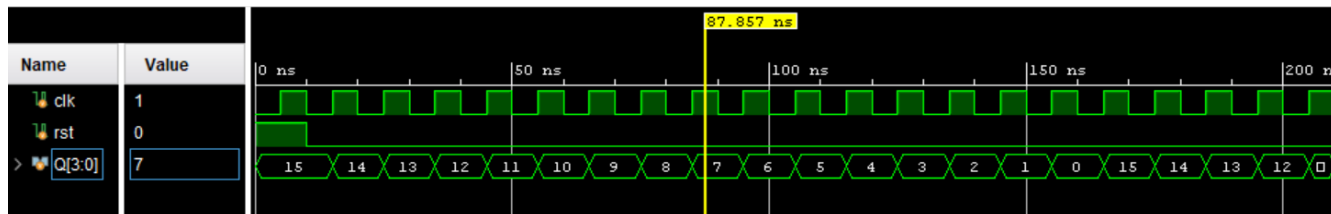| Name	*Khalil Rehman*
Instructor	*Sir Musadiq*
Date	*02 Aug 2025*

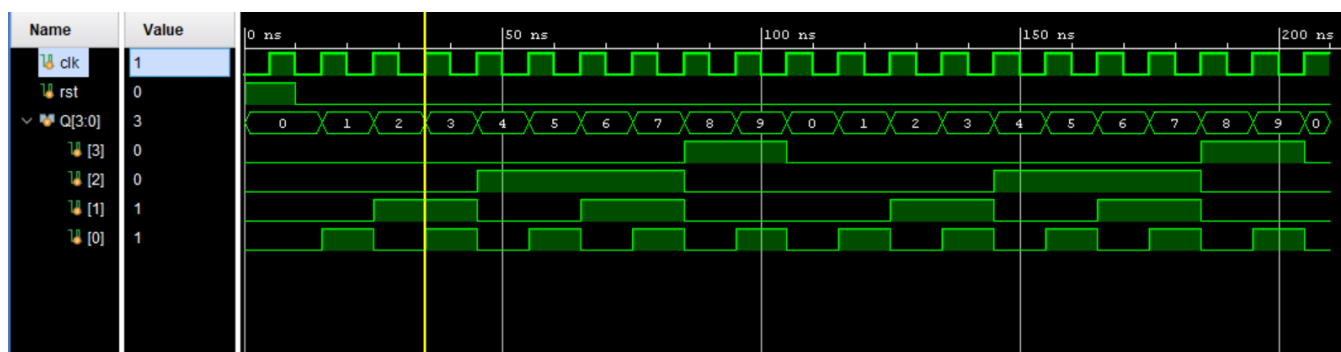# 1. In-Lab Tasks:

i. Task 1.1:

SV file attached

Waveform:

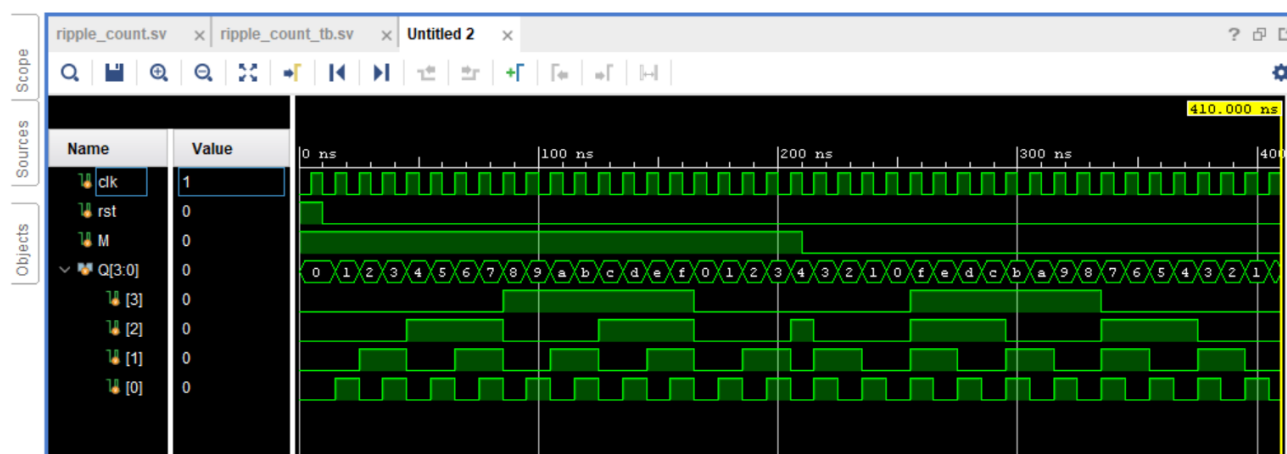

ii. Task 1.2:

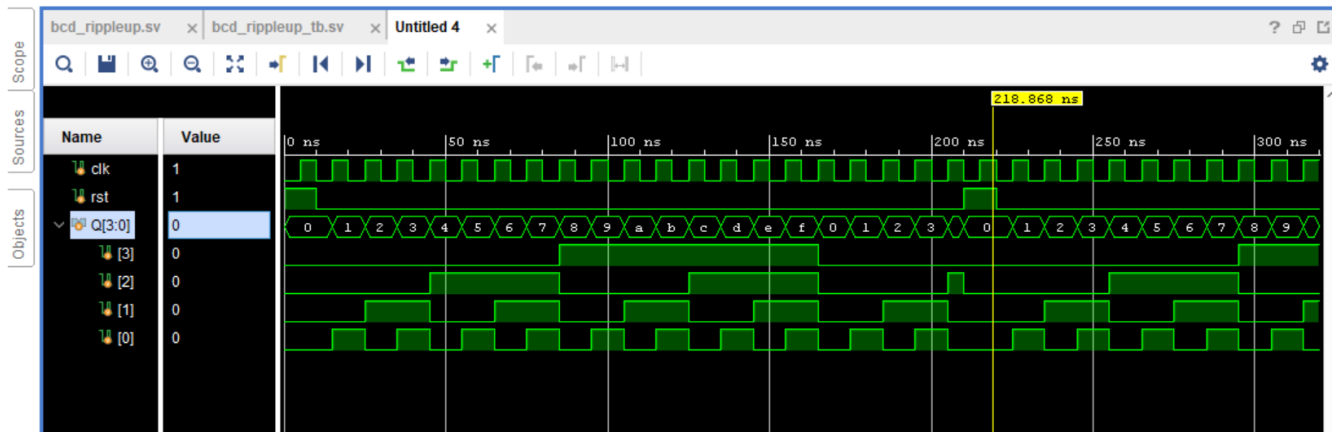**SV file Attached:**

iii. Task 3:

SV file attached

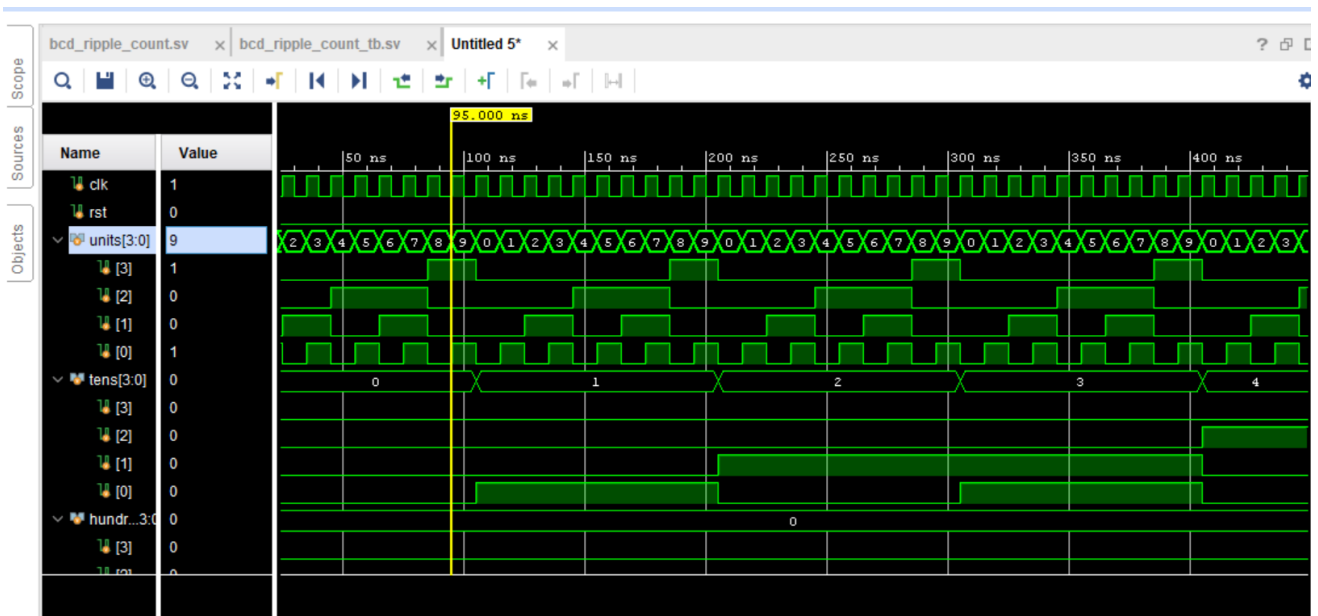**Waveform:**

iv. Task 3.2:

SV file Attached:

WaveForm:

v. Task 3.3:

SV file attached

Waveform:

Nust Chip Design Center (NCDC)

C / C++ Programming

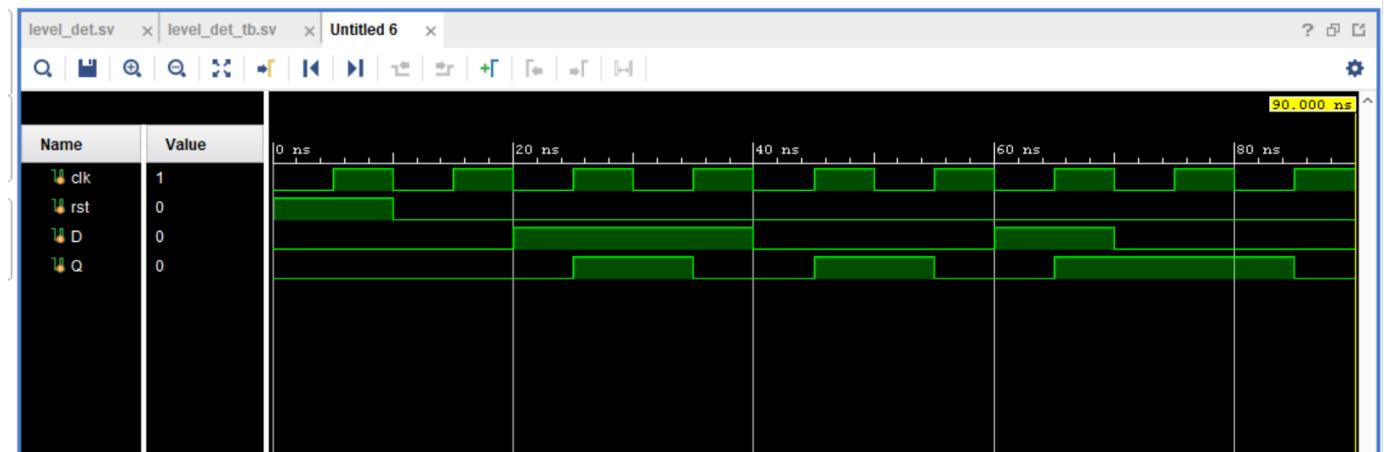## vi. Task 4:

SV file attached:

Waveform:

vii. Task 5

Waveform: