ASSIGNMENT 4

Group G9 Animesh Barua (18CS10003) Akshat Shukla (18CS10002)

Two's Complement Converter FSM:-

Hardware Requirements:
FF: 1
IO: 3
BUFG: 1

Critical Path Delay :
4.659ns

Board:- Nexys4 DDR

Multiple-of-three Detector FSM:-

Hardware Requirements:
LUT: 5
FF: 6
IO: 4
BUFG: 1

Critical Path Delay :
4.475 ns

Board:- Nexys4 DDR

Sequential GCD Calculator:-

Hardware Requirements:
LUT: 62
FF: 32
IO: 24
BUFG: 1

Critical Path Delay :
4.874ns

Board:- Nexys4 DDR