VERILOG CODE : DEPARTMENT OF CSE

EXPERIMENT : 1

AND GATE : https://www.edaplayground.com/x/euBZ

OR GATE : https://www.edaplayground.com/x/JvNH

NAND : https://www.edaplayground.com/x/QrwX

NOR : https://www.edaplayground.com/x/pXdj

NOT : https://www.edaplayground.com/x/EDWh

XOR : https://www.edaplayground.com/x/EDWt

XNOR : https://www.edaplayground.com/x/76KE

EXPERIMENT : 2

TRI STATE BUFFER :

https://www.edaplayground.com/x/uSie

UNDIRECTIONAL BUS :

https://www.edaplayground.com/x/rD4L

EXPERIMENT : 3

IMPLEMENTATION OF BOOLEAN FUNCTION :

https://www.edaplayground.com/x/7gB4

TWO COMPLEMENT :

https://www.edaplayground.com/x/8kiq

FUNCTION MINIMIZATION :

https://www.edaplayground.com/x/GKdE

EXPERIMENT : 4

IMPLEMENT 4*1 MULTIPLEXER :

https://www.edaplayground.com/x/f2Sm

IMPLEMENT 8*1 MULTIPLEXER :

https://www.edaplayground.com/x/Tg6f

IMPLEMENT 3 TO 8 DECODER (Xilin ISE) :

https://www.edaplayground.com/x/XWcp

EXPERIMENT : 5

IMPLEMENT PRIORITY ENCODER :

https://www.edaplayground.com/x/jwXg

IMPLEMENT MAGNITUDE COMPARATOR :

https://www.edaplayground.com/x/f8be

FUNCTION IMPLEMENTATION :

Loading..... ☹