CSC 220: Computer Organization

Labwork-6

Experiment # 1

Design a 8-to-1-line multiplexer with two 4-to-1-line multiplexers and one 2-to-1-line multiplexer.

Experiment # 2

a) Construct the 2-to-4-line decoder
b) Construct a 3-t0-8-line decoder with two 2-to-4-line decoders without enable.

Experiment # 3

Implement full adder by 3 to 8 Decoder