

Assignment 2 (CS 201 P)

Objective: Designing a 1 bit- ALU which can perform the following operations:
a) And b) OR, c) NAND, addition and subtraction.

Available IC's are : 7400 NAND (2 bit Input), 7402 NOR (2 bit Input), 7404 NOT (2 bit Input), 7408 AND (2 bit Input), 7432 OR (2 bit Input), 7486 EX-OR (2 bit Input), 4:1 MUX

Note: Come to the lab with the circuit diagram.