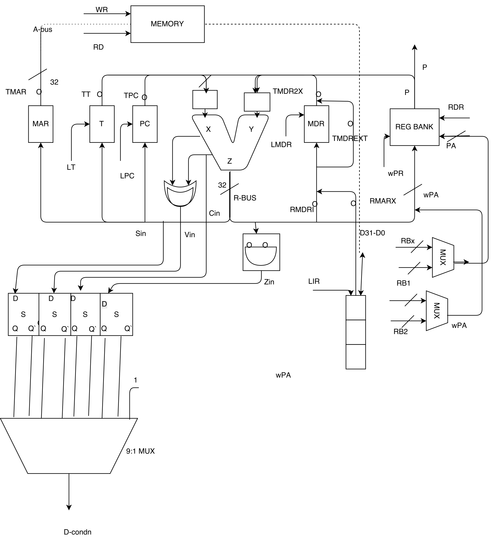
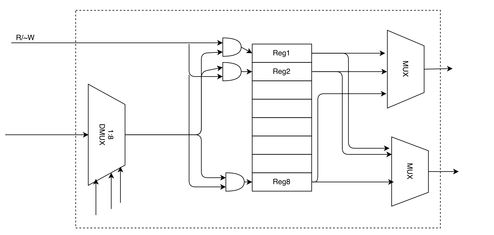
DATAPATH FOR CPU DESIGN

Group 17

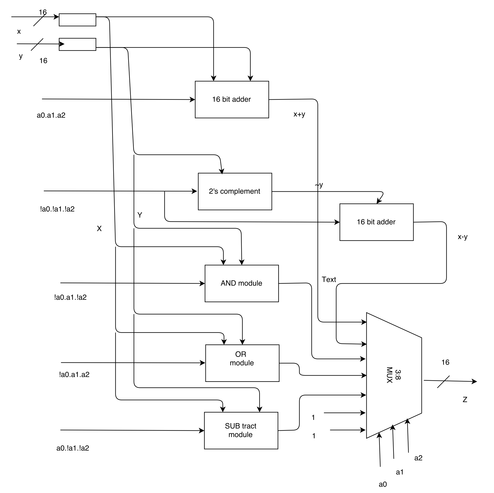
14CS30011 Kaustubh Hiware
14CS30027 Rameshwar Bhaskaran



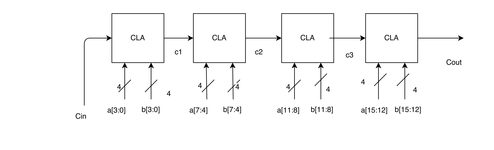
REGISTER BANK



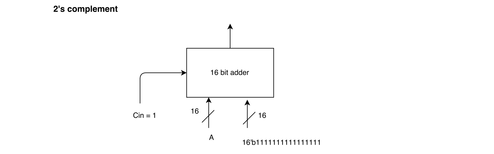
ALU



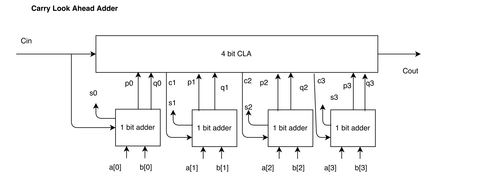
16 bit adder



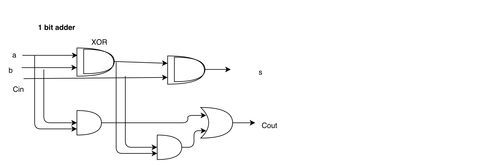
2's complement



Carry Look Ahead Adder

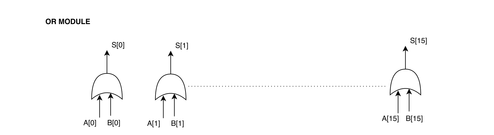


1 bit adder



AND MODULE

OR MODULE



SUBTRACT MODULE