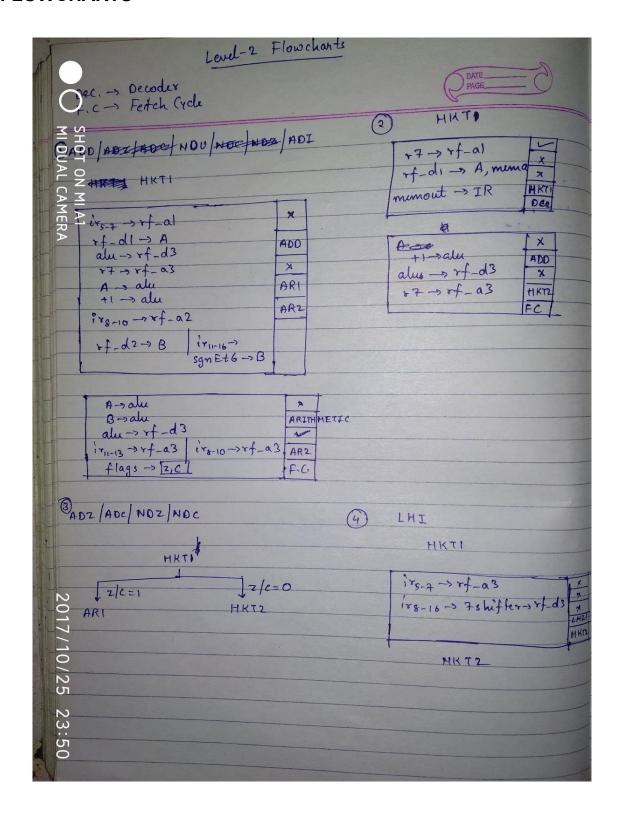
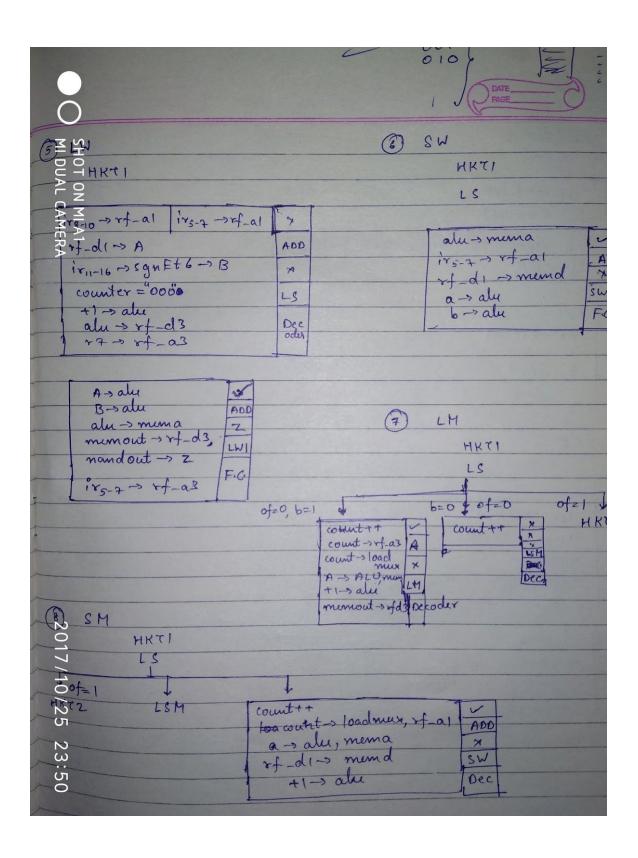
# Micro Project - I (IITB RISC)

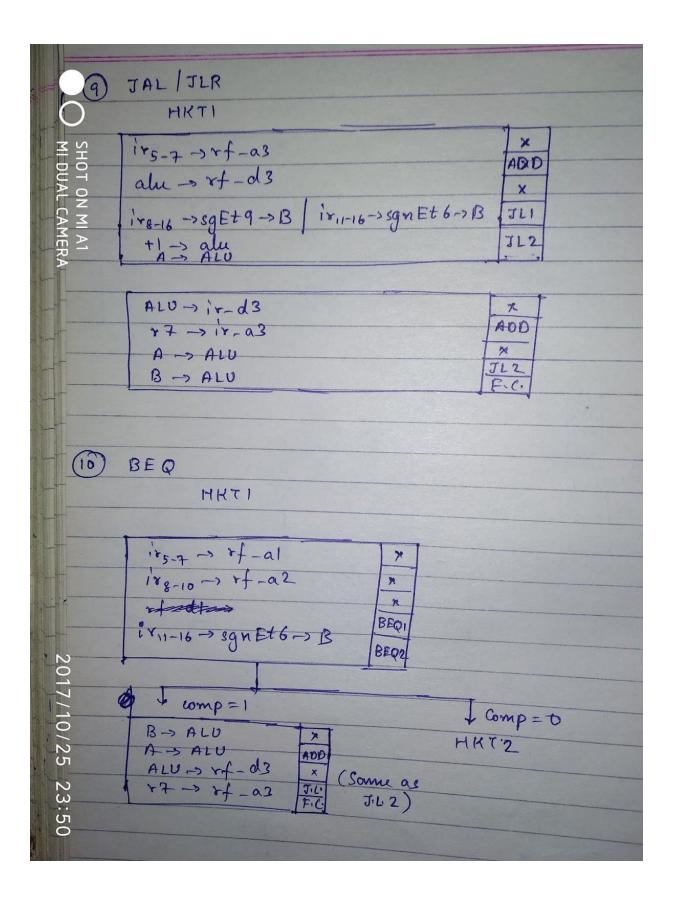
#### Members:

- 1. Sarthak Nijhawan 150070037
- 2. Om Kolhe 150070008
- 3. Irfan Khilji 150070030
- 4. Shubhansu Katiyar 150070015

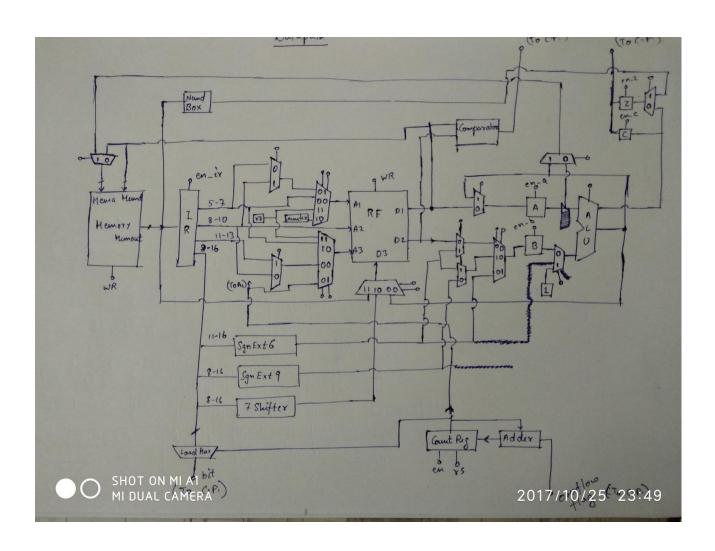
#### FLOWCHARTS -



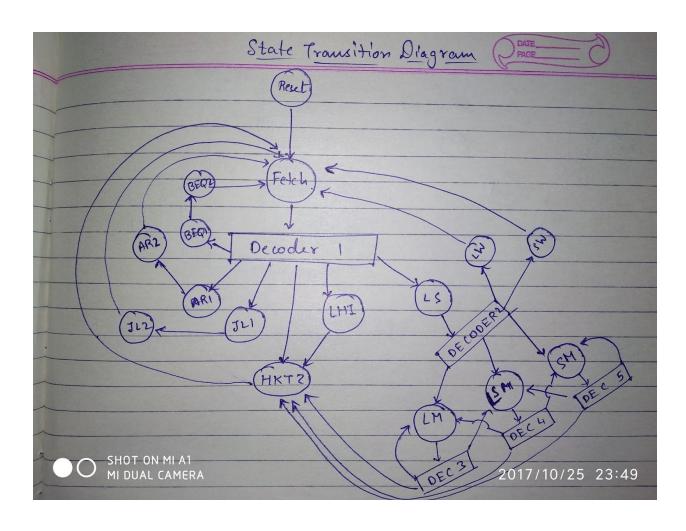




## **DATAPATH** -



## **STATE TRANSITION DIAGRAMS -**



## **COMPONENTS - Files provided in Zip file**

Counter

**D\_register** 

**N\_bit adder** 

N\_left\_shifter

Nand box

Memory

Register file

Mux

Sign\_extender(6 and 9)