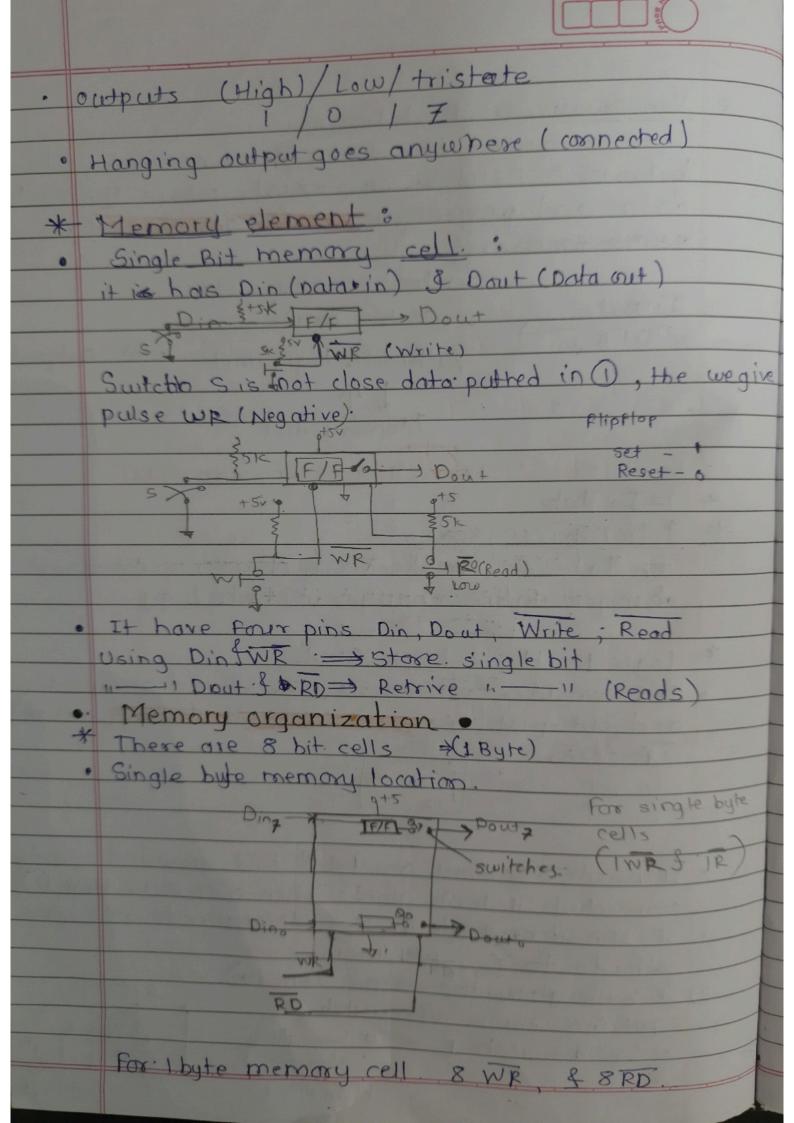
Von Neuman Architecture He predicted the computers concept, where before transistors are exist, where instruction data and programing data are stored in same memory central processor unit Input control unit pivice. - output Arthmetic logic unit Memory unit * * In lato * Microprocessors. In late 60's midiscovery of microprocessor changed entire change in techology * logic t - H & logic 0 - L

let consider voltage of tov & and ground level ond out-put : Y and LED bulb having cathodel & Anod A e IF Anode & output connected and ground . I cathode connected if buth glows then output is High (1) IF LED dosen't glow, then shift. Anode at+5 volt & cathode to Y, and then, Dif bulb glow the output low (0) Putting threeway switch. at (x) a switch 1 - A towglow at 2 - glow - Hanging



Whatever is in input lines is stored in these 8 location (bits) where vio write box made low and high again, at time of WR input becoming high, whateever is status in inlines is stored in flipflop inside the single bit memory cell at rising age of WR pulse When RD made low switches open closed (appear RD made high in miopen. (then output lines hanging lines) * Construction of 4 byte memory cell. . Doctriction - Data inline is 8 and Dout = 8 Dout 7 Unito Pido-Douto) Doat ? Douto Rb

