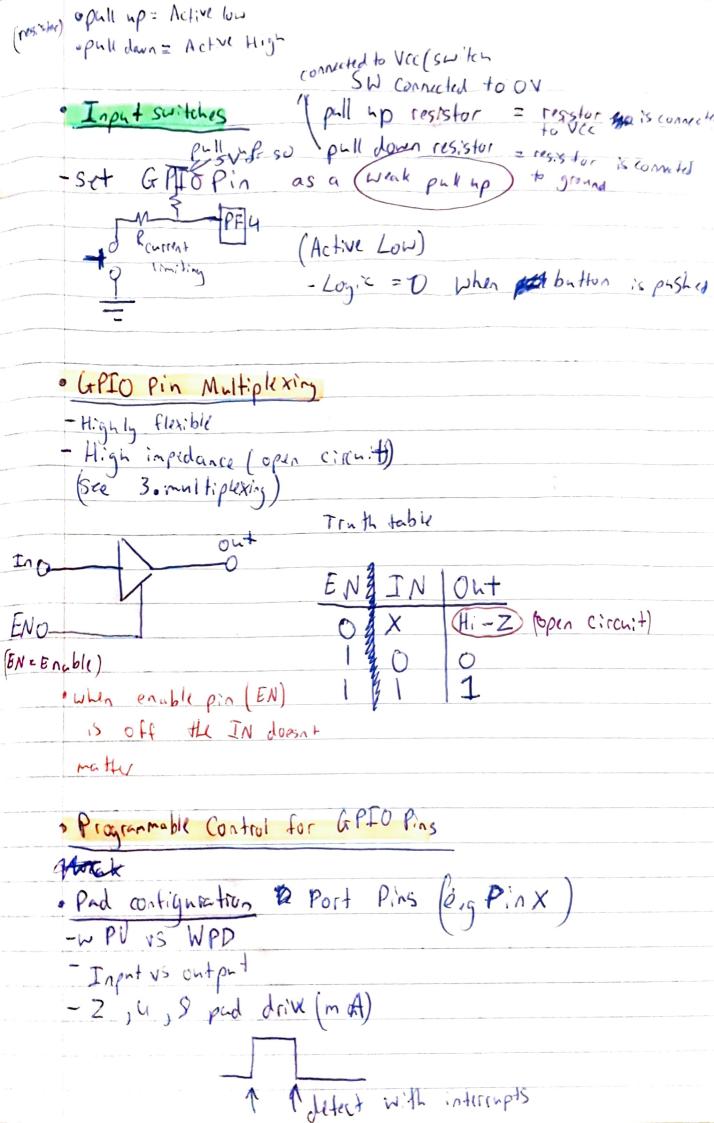
· GRED = (LA PIO) programable - I/O interface of MCU (Microcontroller unit) Tive TM4C123x provides GRETOS -40 on landhard silves (3) 4 lots of 10 single-line-hadron -7 ports single (PA - PG) (9 pins each eg (PAO-PAT)) LED'S & Switches (GPIO) -3 Led's (RGB) 2 batters (SWIESWZ) PF4 SW1 PFO 5W2 PFI Red PFZ Bine FF3 GNIN Leds · When VBE JO.7V - transistor in saturated state (on state) -closed circuit (Led not on) on when logic ist · Leds configured as lactive high (true - logic of 1 enables. + Active high = Logic #5 1



(in the ziting I . system requires peripherous apro--sys C+1 Perphora ENable (Sys-Pef-Portx) (Configuration) Set as a WPV or WPD 2. GPIOPadConfig Set(...) Set Modern (Pinx) 3. GPIOMA O. Mode Set (...) Set (OD TX) 4. Access GPIO PinRead = read Pinx

6 P70PinWite = Write to pin (Portx)