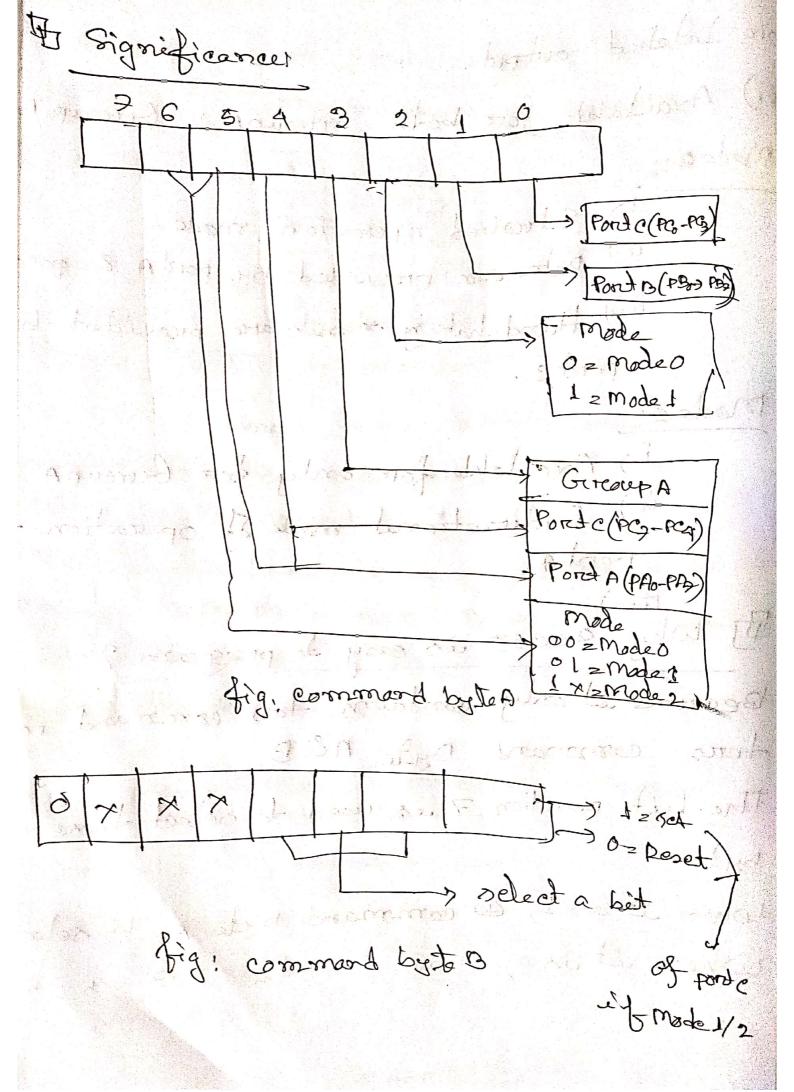
The Land Color Holder Starten Starten

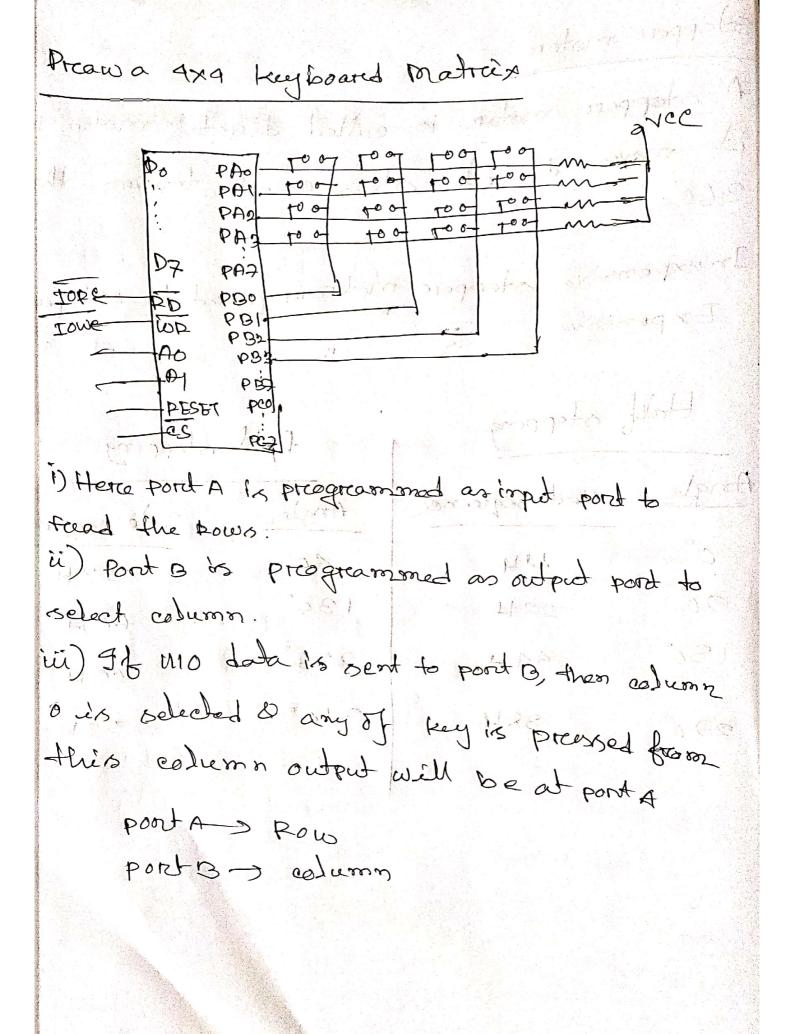
> AOB AI pins are used to select interestal tregéstern for programming & operations Ao Fraction Porel A Ponts It why RESET is important? A RESET winpit to the 182055 causes all pords to be set up as reimple input pont using mode o operation Because pords are interchally programmed as I rout port on a treset. Damage is process. Ited when powers is firest applied to system by RESET Phony IL 8 mon 22 0000 1 Différent mode of operation in 8205 There are 3 modes of operation. 1 mode o D. Court D. Common of ( mode 1 mode 2 /6 hours Mode 0: 1) It is baric imput output made.
ii) function as either buffered in t

Mariani Garage Partille on latched output. iii) Available forc both Gercoup A & Gereoup B mode @1: i) Strabed operation mode.
ii) Data are provided by port A & port B in) Handshakeing signals aree provided by i) Avaidable fore only fore Geresupa i) Bridirectional mode of operation for ront A! It why 182055 is easy to program? Because et only contains two command ragis-ters command Byte A&B. The but possition 7 is used to select those commend When it is, as command byte A in solected. When it is, o, in is in B n n.



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Stepper motor	
A stepper motor is a	alled dégétal ronotor because
it moves discorde ste	ps as it towns through
360°.	
Inexpensive steppers m	otorzin genred to 15° per step
Expersive	per step
Half stepping	Full stepping
Angle 1 Code segreence	Angle Code sequence
0, 1114	45°7 33H
90° 224	135° 6614
180°, 994	225° CC H
270° 1884 1	315°
A the second states of	6 7503 4 763// 5 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7



Strabed Input for a key board	1,1
A streebed imput device is a keyboard	A A A A A A A A A A A A A A A A A A A
AO C. ASCII CODE DO	
PCQ DAY DAY	
DAY DAY TO	
fig: streeted i/p operation of leegto	and
when truy is pressed	ignal
(ii) the DAV coignal in connected to the STB  St key board.	tugoí
into pord A. Then STB original activate A	estrable
roignal initiales that data are in port	+a.

If Procedure to control the step motor
(full step): to the port A (90 H) of 82055
보면 없는 것 같은 살이 없는 것 같아요. 나는 사람들은 사람들은 사람들은 사람들은 사람들은 사람들은 사람들은 사람들이 되었다.
STEP PROC NEAR USES CX, AX
MOVAL DOE:
of exex; flag but not
D V
1 = 1 = 2 = po ?
IEI STOUNS of no wigh
PEPEAT
POL AL, I; rotate steplet
OUT POPT, AL
CALL DELAX, , wait Ims.
UNTIL CAZ delay call untill cx2
ELSE
AND CP, 7 FFFH;
'PEPEAT
ROP AL, 1; restate stepraight
OUT PORT, AL
CALL DELAY; wait tros
UNTIL ex 2
Enote 1 bel
THOIF ENDA ENDA

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the corrected of fore deceving the full step operation when motore is interfaced to point A (40H) of 82055 PP1: PAO PA2 PA.3 PAR TORC **bBo** PB7 pco PC-> Fig. A stepper motors Interfaced to 82055 Delayo XXXX 2 Deby time time for loop DELAY PROC NEAR USES CX mor ex, xxxx DI: LOOP DI PET DELAY ENDA

H 8086 reasoning with 20117 clock loop value of count requires 7 clocks what'll be the for creating 1 ms time delay. one clock required > 1 20×106 Time required to execute 200Pz 3x5x1085 23.571675 7777 = 17163 3.57107 = 2857.19 server by her best to and and all the second CARLON DEFENDED AT YOUR STATE