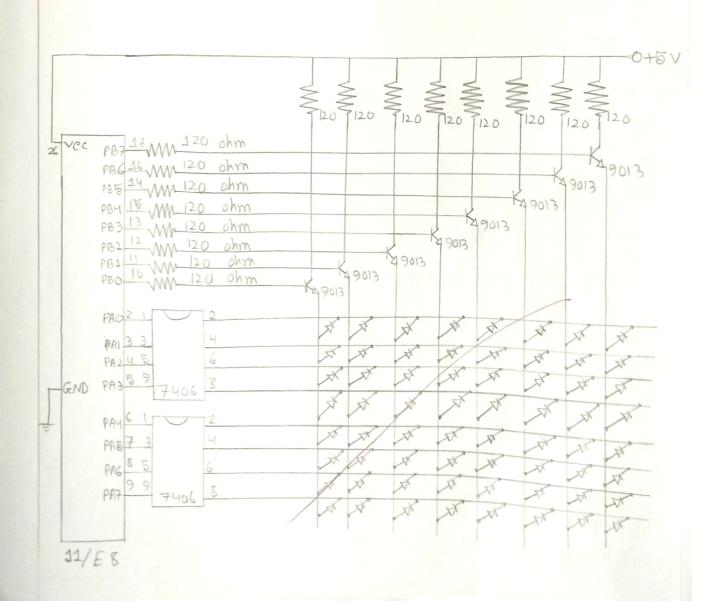
Experiment Name: Write and execute a machine language program in MTS-86 trainers board and show basic LED matrix Control, on 10ff, flash.

Apparentus: MTS-88.C, I/O boared, powere supply and Multiplug.

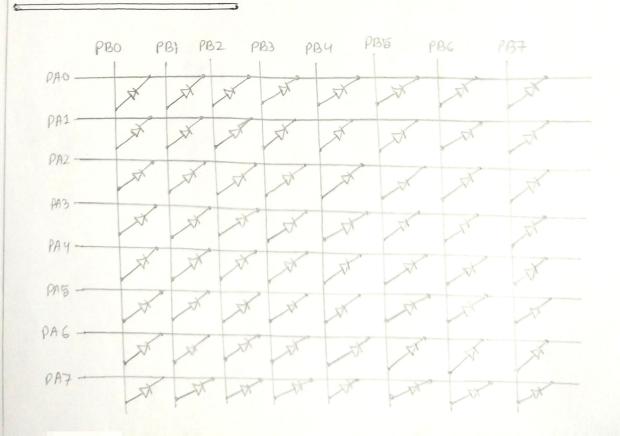
Circcuit Diagram:



## Source Code:

MOV AL,80 OUT 13 AL MOV AL,00 11, AL OUT CX, F000 MOV NOP LOOP 0400 MOV AL, FF OUT 11, AL OUT 10, AL CX, F000 MOV NOP 0419 LOOP 0404 JMP

## Experciment Result:



→ After it has been executed, we can see the entire matrix light up and flash
Repeatedly.

→ If we want to set the time delay in program 1 set ex in the secound part the program to 0800. Then we will be able to see the matrix flash.