set of experiment for 8085 Mp.

- 1) Add two BCD/ heradecimal nois of isbit/ 32 bit wouldth.
- a Add (wo 32 bit sin so.s
- (3) exchange the content of two memory locations
 - (b) Add a set of 8 bit no.s stored in an array.
- or (c) Given an integer determine is
- 3 multiply two 8 bit no. s using repeatative addition.
- (ii) Mwtiply two 8 bit no. 5 using shift and.
- (y) split a given away of 8 bit no. 3 into two diff. array containing odd and even no. 3.
- (ii) son a odd and even elements
- of memory to another memory location by using stack pointer

- (and descending orders using booke more algorithm.
- © Devide a lébit no by a 8 bit no.

 que que que ent 16 bit

 Remainder 8 bit

set of exp. for 8086 Up.

- D Addition of two 16 bit BCO no.3

 with / without carry.
 - (b) Addition of two 3a bit no.s
 - © Addition of two sign hemade aimal
- (2) @ subtraction of two 32 bits no.
 - 6 mutification of two 16 bit no.s
- addition of \$18 bit) sign and unsign nois using a loop with the array starting at some specified memory location
- 3 a munification of two 32 bits no.0.
 - 10 Mutification of 100 sign 8/16 bits

- 1 0 To store the elements of an given array in two separate array composes of even and odd elements.
 - 6 To move the content from a black in memory location to adiff memory socation using stack
 - (5) avange a set of given ross in according or descending orders using burble short algorithm. (using compaired instruction)
 - 6 avange o set of given nois wing
 - © perernine the weak position containing stack
 - 7 in a 116 bit no.
 - aiver a 18 bit no. determine au its favore bew and q.
- nutiply two Babit nois to get
- Davide Gu bit no. by 38 bit no. (quaser - 3abit remainder -

- @ Determine the range of nois the up ear so hardbe.
 - a signored
 - @ un siganed.
- acrerais a squave of given fq ming 8255 / 8155
 - a connect 8 letts to 8255 and switch them or and off in given sequence
- generate a sine wave using looke table with the help of digital to aralog converter
- Display the no. of and s by two or seguldeplay connected. to 8265
- perign a mostic light contrater Design a stopwatch to measure the time of an event upto an accuracy of 10ms

8085	8086
user program - 4100 - 5FFF area	1000 - 3666
ande that	# 1
unaversite # bed	# NEI
substitute ±1 Su adderd	# SB, SW adder <
sing step # TR add on a	# TR Adder a
no ensution of adder &	# Goaddr
Register II R el	FIR
comm	
	8085 809
8086 64 8	MV1 1,55
MOV AX, TTTT	MV1 B, 44
MOV BY, 2222	400 B
Add AX, BX	STA 4200
MON 2 2000 7, AX	нц
HLT	