MD. ANIK ISLAM 1512132642

a Pelo Synont Co Polos EA = Load Effective Address

> This is an indiperted instruction?

Offset = This is a regiment in memony which can exist in so bit address represent

-> This is also neffermed to the effective address.

Dorta sagment: Thin in a register (DS). This points the

PS of the memory where the data it stoned.

. Data: This she the data which contains the memory to

So DS in the neginter and Data in the Inequent of it.

ASSUME DS: DATA	1 17/1
ASSUME DS: DATA	
DS: Data Segment & Data and CS = Code segment neglator: Code	1. 11. 1
and CS = Code segment neglator: Code	, C
By ASSUME we are about to regulations one in Son Data and another in Son	Ds and es
one in Son Data and another in Son	eode.
So to have DS : DATA point the the	bention of the
A	
Data and cs: cope in the instruction which need to implement.	Transfer ad Among
e meneral sopre ette deger in spired.	10 Se of the
The Andrew which contains the mine	. Duto: This
e negister end. Dele se the troppers of	Sone.

hans!

AX - This register divided in AH AH and AL topostorm 8-bit innheretar.

William , this tender we got

Example: ADD AX, AX (AX = AX + AX)

BX - This is bare negatives. This is divided in BH and BL.

It used to stone value of the object.

Example: MOV BL, [500] (BL = 500H)

CX- The roun for register, divided into ett and et. It in uned in looping and trotassion.

Example: MOV EX, 0005 100P.

PX - The Pada register, Divided into DH and DL. It is used in multiplication and imput/output point address.

Frample MUL BX (DX, AX = AX* BX)

Without this longe we got. 3p - Stake pointer. a biblioto rolaign and in the chorn. BP - Bare pointa. SI - Source indep DI - deplination inder L'used de Jone value of dhe collect. (HOD) 191, 1000 / (P) : 500 H) in rounter regioner, divided into EH and EL. uned in looping and notations. 100 1 3000 XD NOW July the Dark of Perioded and Del and the