

*) Programming Model of X86 micro-processors:-

- General Purpose Register
- Special Purpose Register:-

→ These register use by programmer according to his wish that he may put data or any thing on it

→ These register use accordingly by which purpose they made not all general

For 16 bits:

15	8	7	0
AH	AL	Accumulator (AX)	
BH	BL	Base (BX)	
CH	CL	Counter (CX)	
DH	DL	Data (DX)	

Here H Show High L Shows Low and X Shows Total.

→ The above box Shows name of registers and their representation.

The above Box Continue as:-

-	-	Base pointer (BP)
-	-	Stack pointer (SP)
-	-	Source index (SI)
-	-	Destination index (DI)

These all registers are present in all