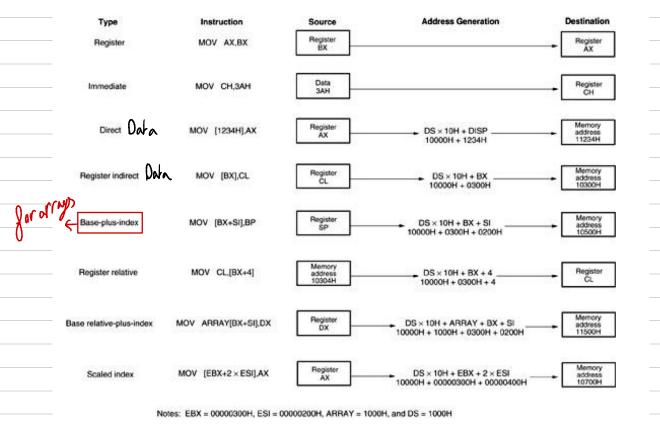
Lecture 7

ex: Mov Bx, [Ax] — so value inside Ax is used as an affect for the data signent ex; Mov Bx, [123H) — we 123H as an affect

A Mov Bx, [Ax] Default Ds: Ax

Register Indirect Addressing

- ☐ The data segment is used by default with register indirect addressing or any other mode that uses BX, DI, or SI\to address memory.
- ☐ If the BP register addresses memory, the stack segment is used by default.
- these settings are considered the default for these four index and base registers



a F
ry location change The MOV BX, CX (. 7
are the same size. a 16-bit register with M_{BV} M_{X} M
e flag bits. The flag ons. is not allowed. DV instruction. A DV E 5 J S J S J S J S J S J S J S J S J S J
a and AL, in the segment
10