

CSE → 331 (18-8-2020)

1510797042 (Mid)

① LEA → LEA is Load Effective Address

The OFFSET operator returns the offset of a memory location relative to the beginning of the segment to which the location belongs.

② Data segment points to the data segment of the memory ~~which is another data~~ where the data is stored.

Data is used for initializing arrays and string into the assembly codes

③ Assume DS: DATA CS: CODE

It is used to inform the compiler that DS (Data Segment) contains Data and CS (Code Segment) contains the CODE.

④ Data Registers: are

AX is the primary accumulator

BX is known as the base register

CX is known as the count register

DX is known as the data register