MIDTERM .

Md. Minul Islam Talukdan 1510678042

PART-1

Am: to the quer no:01

LEA: LEA stands for Load Effective

Address. Algorithm: REa = address of memory (affect)

Example: Mov BX, 35h

Mov DI, 12h

LEA SI, [BX+DI]

offset is an assembler directive in 186 assembly larguage. It actually means addresses and is a way of hardling the overloading of the "mov" instruction.

Am: to the quer nogoe

DATA SEGMENT is the starting point of the Douta Segment in a program and DATA is the name given to this regment and SEGMENT is the keyword for defining segments, where ne can declare our variables.

Am; to the quer no: 03

ASSUME DS: DATA CS; CODE

In Assembly Larguage programming, there are different registers present for different purpose. So we have to assume DATTA is the name given to Data Segment register and CODE is the name given diven to Code Segment register (SS, ES are used in the same way as CS, DS).

Ams; to the ques no ou

To access memory, we can use four registers:

BX, SI, DI, BP. Combining there registers invide

[] symbols, we can get different memory

Joccuttons: