11 Explain LEA and offset FILEA in an instruction that load "offset variable" while adjusting the andrew between 16 and 32 hits. on necessary. A OFFSET in an assembler directive in X86 arriembly buguage. It accuelly means "address" and in a way of fandling the everloading of the "mov" instruction. 2) What is difference between Data gegment and . Data ? Difference # between Data segnent and Data in In Data Segment we take

Value and advicers both in Ax register and In . Data we take only values. so, . Data in effective.

3! Explain the ASSUME DS: DATA CS: CODE Here DS contains the DATA
Here CODE is written in CODE Segment, and DATA is written in DATA SEGMENT

4) write down the Registers that are well for memory Accorning with example.

& OFFSET is an assembler directive is

register: BX, SI, DI, BP.

 $\begin{bmatrix}
 BX + SI
 \end{bmatrix}
 \begin{bmatrix}
 SI
 \end{bmatrix}
 \begin{bmatrix}
 BX + SI + d8
 \end{bmatrix}
 \begin{bmatrix}
 BX + SI
 \end{bmatrix}
 \begin{bmatrix}$