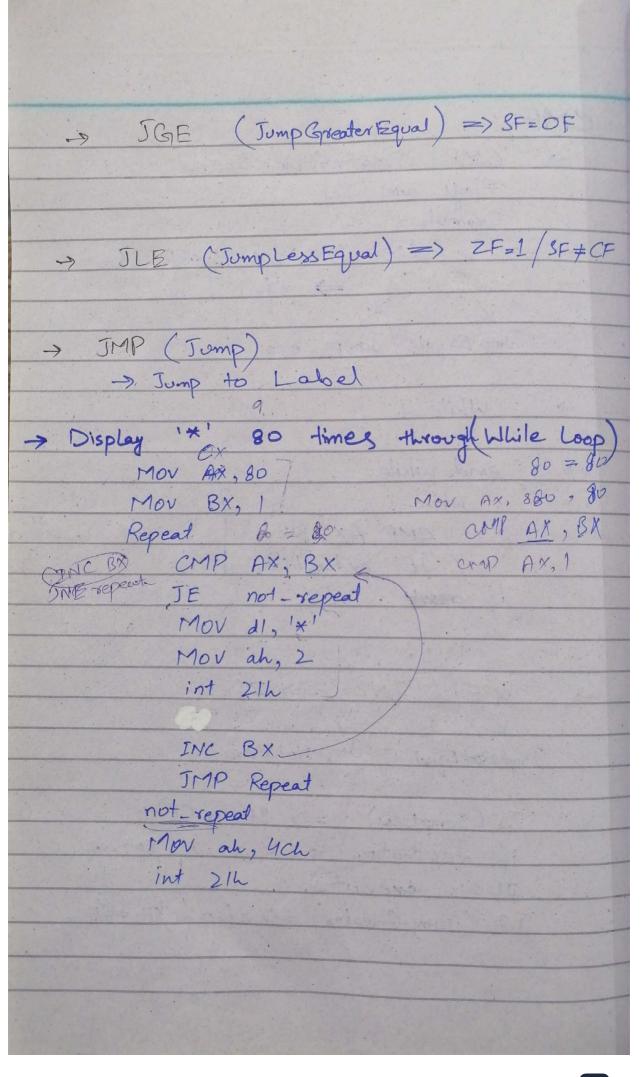
When CX=0) ZF=1 ADD AX, CX Loop Repeat Pot the Sum of Sequence So terms in DX. 1, 5, 9, 13 =-Mov bx, 1 Repeat ADD dx, 4 loop repeat Read a char & display it on the next line 80 times MOV DX, OAH, ODH, '\$' Mov Cx, 80 Repeat: Mov ah, 2 Mov DL, AL Mov ah, 9; Print String/Line feed int 21h loop Repeat

Read a five-char password and overwrite it by carrige return & display 5 X's MOV DX, OAH, ODH, 1\$' MOV CX, 5 Repeat: Read Char MOV AH, 1 int 21h MOV DI, AL int 21h ; Print Line feed Mov Ah, 9 int 21 h Mov d1, 1x' -> Mov ah , 2; Print clar int 21h c ich with downal Mov ah, 2 Mot ah, 2 int Uh.

CMP Destination - Source CMP AX, BX : AX-BX Jump Equal / Jump Zero end-while: while-! CMP AX, BX JE end-while: JL (Jumpless) => 3F<> CF if destination is < or > source JG (Jump Greater) => 2f=0/SF=CF



Repeal untill 1-Mov dy 'x' Morah, 2 Mov ax, 80.

Mov Bx, 1

repeate

int 21h CMP AX, BX

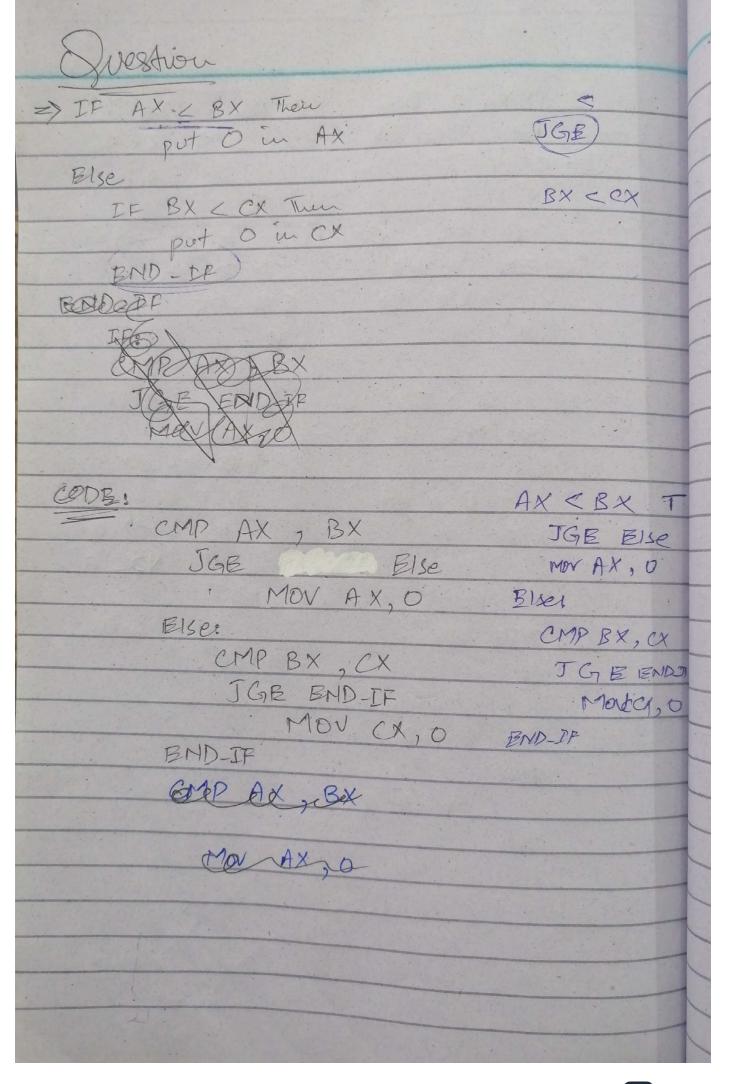
INC BX

INE repeat | JE not-repeat

TMP repeat

not-repeat. Take input from user centill they prous Enles mov ah, 1, mov dk, oAh Repeat: ind 21h CMP dh, al JNE repeat not-repeat

JGE z Imp Greates Eggel
2F AXC BX There :
IF BXCCX Then
put o in AX
Ele
put o in BX
END_IF
BND_IP
Ser .
COMP AX, BX
IGB BND_EP
CMP BX BX, CX
JGE Else
MOVAX,0
JMP END_IR
Blse.
MOV BX, O.
BND_IF:
and a same of the



divisor divident divident (= divisor BND-While codein mor al, 2 Repeati JL not-repeat INC CI SUB 61, al JMP repeat Mot - repeat

Multiply -Mov bl, 4 MOV 61, 2 Movel, 0 Repeat ADD cl, al CMP bl, D JNE repeat Not- Repeat Mov disch Mov ah, 2 int 21h 2,5, 30 MOV DX, 2 MOV CX, 30 Repeat BX, BX ADD BX, 3 Loop Repeat

19-Out-2023 IF AX < 0 then replace AX by AX CMP AX, O if: JNL end / JGE end IF: NEG AX end: if AL < BL then Display AL else Display BL end. CMP AL, BL JGEE else MOV DL, AL Mov al, 2 MOV DL, BL MON al, 2

IF AX & BX then if BX CCX then

pot 0 in AX

else

put 0 in BX CMP AX, BX
JNL end. MOV ax, 0 5

JNL else

else: end. PMP end, 0 Read a char Sp display if if it is in uppercase.

if AL>='A' AND AL(='2') Mov ah, 1 CMP AL, 'A' JL end.

CMP AL, (Z)

TG end

Mov de, Al Mor ah, 2 int 21h z) if AL = = 'Y' OR AL = = 'y' then Display AL end, Mov al, 1 CMP AL, 'Y'

JE if

CMP AL, 'Y'

JE if JMP end. Mor al, Al Mor al, 2 int 21h