NAME - ARPAN MANDAL RULL - 00191 0501 061 my Roll no & -61 So LXI H, 4061.H LOA 4461 H MOV B, A LOOP: MON A, M H SO INA JNZ SHIP Mov A, M ADD C JNC SKIPZ

INRD SKIPZ: MOV C, A

DCR B

BNS FOOD MMOV A, C

SKIP: INX H

STA 4561 H MOV AD

STA 45 62 H

TIH

210=1000 12 2098 My Roll = 61 2. So, Y=1 Address brang: The we have to interface ou lyte address: so we need 12 address lines to Ao-A11 (2=41) HOOO 1 -: Harbba gritrate A15 A14 A13 A17, A11 A10 A9 A8 A7 A6 A5 A4 A3 AZA1 A0 600000000 1 00 0 end astress: - 1 FFFH A13 A12 A11 A1 A2 A8 A7 A6 A5 A4 A3 A2 A1 A3 21 21 21 11 11 11 11 1 - Her 25 WHILL C. Addrew decoding termique we have to use 12 address times to address the memory those address lines to are Ao-A11, others A12-A15 will act as enop select Signal - no Now we have to pass those I 12 lines (Ao-A11) to a decoder. The output will create 212 lines, to abbren memory. The MEMW (memory wride) and MEMR (memory bead) will also add to IE and E. For this select lines we can either use a 4 input is margail usil. ent a chesosel o no stag an AN Tree to that the warrant to the 10 \$15. 4 \$ 10 will BUT - \$36 BU \$2 84 11 a dry Reserve of English to the fill more 1. July 100 00 12 3 dd 10 2 dd 28 58 5 60 7 10 dds.

1) (1) LHLO 2500H:ful from of LHED is lode H-1 pair direct, actually the address stones in H

begister.

So, LHLD \$2500 H means [250] Stones In

L begister and [250] Stones In It Register

Rec - Rotate Accumulator Right, The content of the accumulator & potated

LHED 5200H ELJE 5820H

db

Left ly one lit. The seventh lit of accumulator is moved to carry lit as well as the zero lit of the accumulator

only as flag is Referbed.

So EANTY I de [An I; [Av] - [Az] , as the [Az]

2.9:- Suppose accumulator content is or H

Place > accumulator content becomes - of Azi

and earry becomes.