## Unit 4 <br> LECTURE 3

## Binary to ASCII CODE CONVERSION

Problem statement: WAP to convert the content of 5 memory locations starting from 2000 H into ASCII character. Place the result in five memory locations starting from 2200 H .

LXI SP, 27FFH<br>LXI H, 2000H<br>LXI D, 2200H<br>MVI C, 05H<br>X: MOV A,M<br>CALL ASCII<br>STAX D

## Flowchart for binary to ASCII



## ASCII to Binary CODE CONVERSION

Problem statement: WAP to convert the content of 5 memory locations starting from 2000 H into Binary code. Place the result in five memory locations starting from 2200 H .


## Flowchart for ASCII to binary



