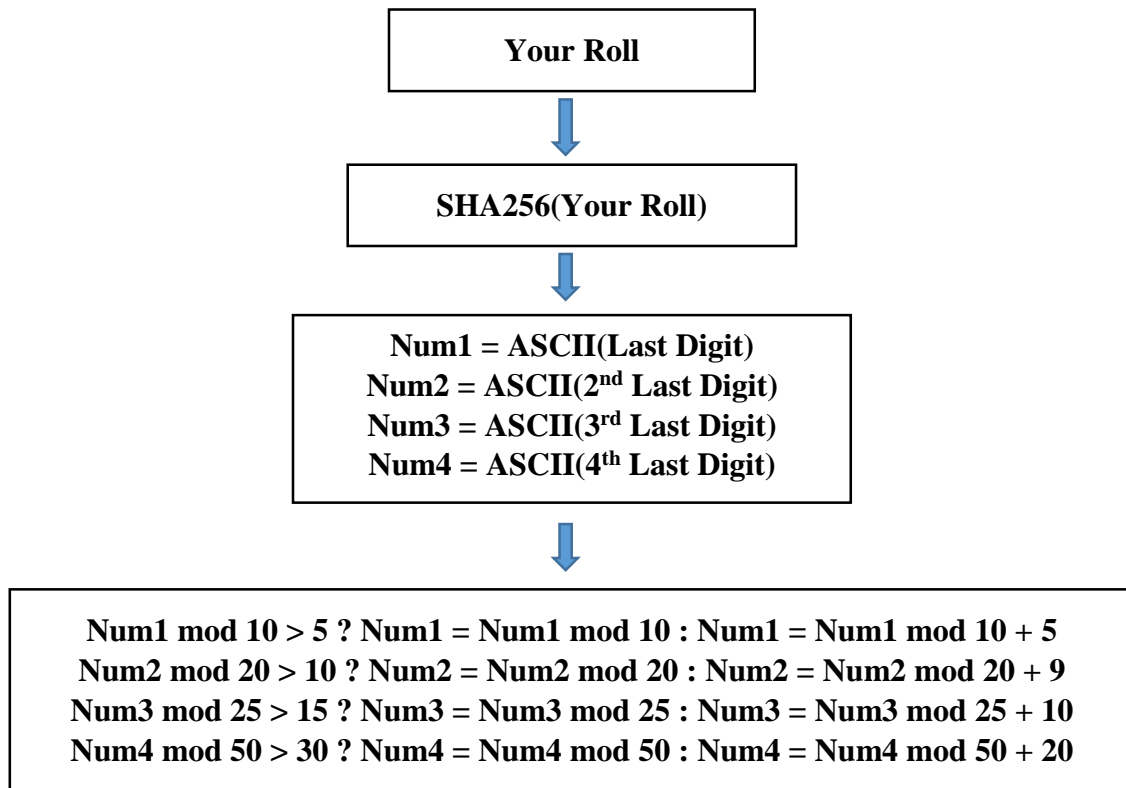


NOTE: ASSIGNMENT ON DISPLAY



Instruction:

- Let, The CRT display can show **#Num3** rows of characters with **#Num4** characters in each row.
- Each character is represented by **#Num1 X #Num2** dot matrix (Num1 for column and Num2 for row). For better representation, ROM forms the character size in **(#Num1 + 1) X (#Num2 + 1)** matrix format.

Q1: Draw the signal generation circuit for displaying the characters on the screen? (5 pt.)

Q2: What size of ROM is needed for displaying all character in the CRT display at a time? (5 pt.)

Note: Please use only one A4 size paper for your assignment. You can use both side.