noblem hahi Broken 9.1 The numbers we should represent oure from O to 6. Hence, we will need three inputs to represent it in binary. Set take no, no such as no, no and no bare I nepresentation 0 1 Serse Frumerals can be converted to sinary 0 resine to three binary light and the following table. 0 baseOF T We will then use three imput lines no ny ng T 0 0 Th representing the three binary digits 1 to exemenate I beneave patterns representing 1 T the have 7 digits from 0 to 6 1 U 0 T * ** 000 0 * 00 800 * * 000 *** 1 001 000 010 011 101 110 We will then use logic gates cercuits to control each
of the \$6 LED based on the three inputs no , 2, 2.

We will need 7 outpeets one for each LED So lets
invertigate each LED one at a teme.



