Date:	10 Ka 104) 14 ( 1

Problem 7: Which Hoor 2000 Understood: There are to floors o-a and on led display showing which know it is . It takes 7 inputs ( 1 and 0) to show on led the theor, I means light on. sowtion: we will treat the 7 digit input at integer and perform MOD and I function to get values. It last digit is zero MOD will give that with tering other values when divisor function is used, some for when lest digit of Pseudocode: START OUTPUT "Enter the 7 digit number for led display" INPUT Number last-diait = Number 1. 10

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remaining - digit = Number / 10 IF remaining - digit == 0110000 AND Last-digit == 0 THEN OUTPUT " The floor Number is 1"

EUSE 1F remaining - digits == KNONVBA AND LOST-digit == 1 THEN OUTPUT " This is second floor "

ELSEIF remaining-digits == 111100 AND Lost-digit == 1 THEN OUTPUT " This is third Hoor "

EISEIF remaing-digit == 011001 AND Last-digit == 1 THEN OUTPUT " Thic is fourth floor"

ELSE IF remaining digit == 101101 AND Last-digit == 1 THEN OUTPUT " This is fill theor"

EISE IF remaining-digit == 101111 AND Last-digit == 1 THEN OUTPUT "This is sixth shoor"

ELSE IF retnaining - digit == 111000 AND Last-digit == 0 THEN DUTPUT " This is seventh thoor "

NEXT PAGLE -

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Dat	e:
EUSE IF remaining - digit == 111111 AND Last-digit ==	I THEN
OUTPUT " This is fight thoor".	•
EUE IF remaining - digits == 111101 AND Lost-digit	r==1 THEN
OUTPUT " This is Nink Hoor"	<b>07</b>
Else If remaining - digit == 111111 AND Last-digit	r = o tuen
EUSE CUTPUT "This is Moor zero"	
EK\$K/XV	•
output " Number pattern entered is inval	id"
ENDIF	·
END	
10 chart:	
Input Process.	OUTPUT
- 7 digit binary ) - Use mod to to hind the	. The Hoor number
number (representing ) Lost digit of sequence and	(0 to 9)
state of elevator penel use divisor to to hind the	
A-G) remaining digits.	- Error message on
- input would be breated	invalid input.
as a whole integer ) - compare different combinations	harry mpor ;
of the input to evaluate the floor.	
The floor.	
- IF the given combination does it	
match then prompt user of	
invarial input	2.2.2.
Whose or What	
The state of the s	
<b>\</b>	
MICHTY	



