What is the smallest distance between two codewords in W= Image (f)?

(2) Complete the "coset decoding table" for
$$f$$
, using the parity matrix
$$H = \left(L \ I_{(6-3)\times(6-3)}\right) = \left(\begin{smallmatrix} 1 & 0 & 1 & 1 & 0 & 0 \\ 1 & 1 & 0 & 0 & 1 & 1 \\ 1 & 1 & 0 & 0 & 1$$

-	0	and the same of th	2	3	4	5	6	7	
000	000000	001101	010011	011110				111001	
001	000001	001100	010010						
010	000010	ooilli	010001	011100	100101				
and the second second second second		- A							
-								2	
	}	1)	j	l (1

The steps are: To finish a row, add the "error" vector from column O to the various entres in row 000. To start a new row, choose a 6-61+ number, not already listed, with the smallest number of 61ts. Write It under column O, and label the row by the output of H when applied to this number.

- (3) Since the smallest distance between codewords is 3, 1 error in the transmission of a codeword from W can always be corrected.
 - 011100 is not a codeword, but it at most one bit of error has occured in this representation, the original word must have been 011110=3.
 - I send you a number from 0 to 7 using f, but you receive 101000 (which is not a value of f). What did I most likely originally send?
 - What number in your table is in row Oll and column 0? e=

This vector can correct any word $u \in \mathbb{R}^6$ such that H(u) = 011.

Find 3 non-codewords in such that H(W=011.

For these 3, what is ute?