Salution of For function of (A,B) The input A and B are linearly separable. Thus & epresenting the function in a single unit: i.e. single logistic threshold Output = step(Z), where Z = \(\omega \omega \in \chi; where step $(Z) = \begin{cases} 1 & \text{if } Z \geq 0 \\ 0 & \text{if } Z \leq 0 \end{cases}$ A and B are the inputs which are our 1.

as per the given table

suhen A=1, B=0 the output = 1 Thus taking meight as I and I such that the given input and output fits in the step furtion and morks and with the to threshold of EO. D 2 = A(1) + B(1) -0.7

to So the further J(A,B) = { i if A-B-0.7 > 0 o if A-B-0.7 < 0 1(A,B) B