tank or her and special	Page
	XOR is Lineau OR Not.
	Touth Table Now
	$\times_1 \times_2 \times$   $\langle 0+1+ = \langle 1 \times_1 + \langle 0 \times_2 \times_2 \rangle$
	Junia William
	1 0 1 Exwizo
	0 1 1   2   2   2
	Bial Bial
	Theeshold = 0 = 1
	Here Y = X, 1 X2.   Bias = W0 = -0 = -1
	Now plotting the graph wo+ w, 0 + w2.0 = 10
	=> w <sub>o</sub> < 0.
	Wo+ @W, +0.102 >0
	$(0,1) \qquad => w_1 > w_0$ $w_0 + w_1 \cdot 0 + w_2 > 0$
	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
	W <sub>0</sub> + W <sub>1</sub> ·0 + W <sub>2</sub> .0 < 0
	⇒ w. <0
	(0,0) (1,0)
	Linear Solarable is it thous original o
and the same	Lineals leffarable is if there exist a line of flame such that all infuts which produce a 1 lie on one
	sa of the line of plane and all input which landing
	a O lie on other side of the line of blance
	But in Case of XOR we need a two line a to
	separate a plane in such way that it divid
	Hence XOR is not lineal.
AND THE RESERVE TO	