	Question Perception Algorithm
	Boolean OR function $f(x_1,x_2) = x_1$ or x_2 Where $f(0,0) : false, f(1,0) : True, f(0,1) : True, f(1,1) : True$
	$P_{1}(0,1) = 1$ $P_{2}(1,1) = 1$ $P_{3}(1,0) = 1$ $P_{4}(0,0) = -1$ $P_{4}(0,0) = -1$
Þ	From observation we can see that both sides are unearly seperable.
2)	For the Perception algorithm assume = $n_2 = 1/2$ Weights are $w_0 : 0 = w_2 : 1 = w_0 : -1/2$ 1. $w_1 \times w_2 \times w_3 : 1 = w_0 : -1/2$
	$P_1 : 0.0 + 1.1 - \frac{1}{2} : \frac{1}{2} \Rightarrow 1$ $P_2 : 0.1 + 1.1 - \frac{1}{2} : \frac{1}{2} \Rightarrow 1$ $P_3 : 0.1 + 1.0 - \frac{1}{2} : -\frac{1}{2} \Rightarrow -1$ Incorrect
	P ₄ : 0.0 t 1.0 - $\frac{1}{2}$: - $\frac{1}{2}$ \Rightarrow -1 2. Updating $x^{\tau \cdot 1} = \omega^{\tau} \cdot t; x;$ $\omega_{+} = 0 + 1.1 + 1 \omega_{2} = 1 + 1.0 = \frac{\pi}{2} 1 \omega_{0} = -\frac{1}{2}$
	$\omega_1 x_1 + \omega_2 x_2 + x_0$ $P_1 = 1.0 + 1.1 - \frac{1}{2} \cdot \frac{1}{2} \Rightarrow 1$ $P_2 = 1.1 + 1.1 - \frac{1}{2} : 1\frac{1}{2} \Rightarrow 1$
	$R_3 = 1.1 + 1.0 - \frac{1}{2} : \frac{1}{2} \Rightarrow 1$ $R_4 = 1.0 + 1.0 - \frac{1}{2} = \frac{1}{2} \Rightarrow -\frac{1}{2} \Rightarrow -\frac{1}{$
	Decision Boundry > 24+x2-1/2=0