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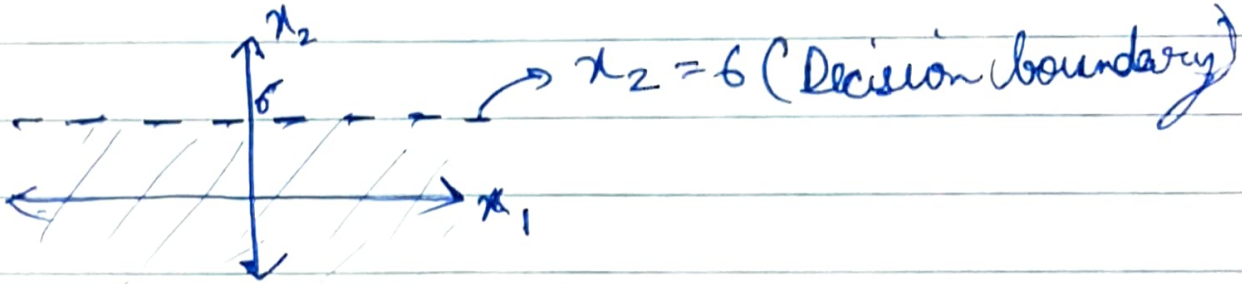
4.) $h_\theta(x) = g(\theta_0 + \theta_1 x_1 + \theta_2 x_2)$

$\theta_0 = 6, \theta_1 = 0, \theta_2 = -1$

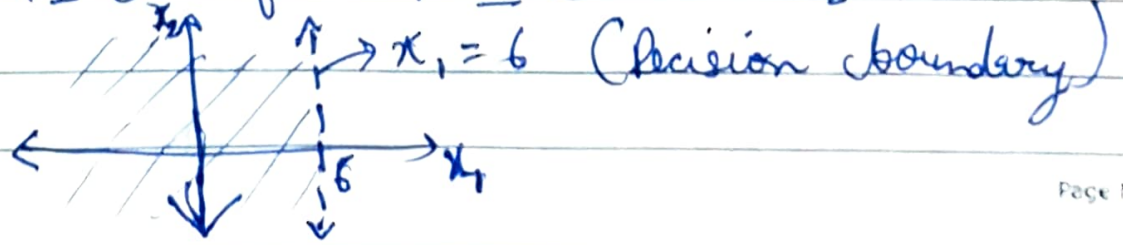
$\therefore 6 - x_2 \geq 0$ if $x_2 \leq 6$ & $x_1 \in R$



After replacing the coefficient of x_1 & x_2,

$\theta_0 = 6, \theta_1 = -1, \theta_2 = 0$

$\therefore 6 - x_1 \geq 0$ if $x_1 \leq 6$ & $x_2 \in R$



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