## ROMPONNO 2 na Hebena Anrenoba, apar. N= 119176

Sagara 1: 1.1. Myrnembane no mpab xog b mpenana -2 = Wx+b, 2 e memgunna aroinoa  $\frac{2}{1} = 0.5 + 0.3 = 0.8$ ,  $\frac{2}{2} = 0.7 - 0.7 = 0$ - Dynkym na ausubayus h  $h_1 = f(\frac{2}{1}) = \frac{1}{1 + e^{-(\frac{2}{1})}} = \frac{1}{1 + e^{-0.8}} = \frac{0.69}{1 + e^{-0.8}}$ 

$$h_2 = \frac{1}{1 + e^0} = \frac{1}{2} \approx 0.5$$

 $\frac{2}{4} \binom{2}{1} = 0,69. \ 0,3 + 0,5. \ 0,7 = 0.557$   $\frac{2}{4} \binom{2}{1} = 0,69. \ 0,4 + 0,5. \ 0,5 = 0,526$ 

$$y_1 = \frac{1}{1 + e^{-(0,557)}} = \frac{0,636}{1 + e^{-(0,526)}} = \frac{0,628}{1 + e^{-(0,526)}}$$

1.2. Myrucubane Ha  $\partial L(\partial w_{10}^{(2)})$   $g_{10}^{(2)}$   $g_{10}^{$