HW 2

Let init $\theta_0 = \theta_1 = \theta_2 = 0.1$

1) Find the error of each row by using negative log loss funchineq. on page 22

VoW	Xı	XZ	Y
1	2	3	1
2	1	4	0
3	4	5	1

Train the Logistic Regression model by using stochastic GD. You can train the model with 2 iterations and find the final values of $\theta_0, \theta_1, \theta_2$ * Let learning rate = 0.01

3 Work on 2) again, but in this
time, you have to add
3.1) Ridge regression (λ=10)
3.2) Lasso regression (λ=0.2)
The find the θ, θ, θ, θ2's values.