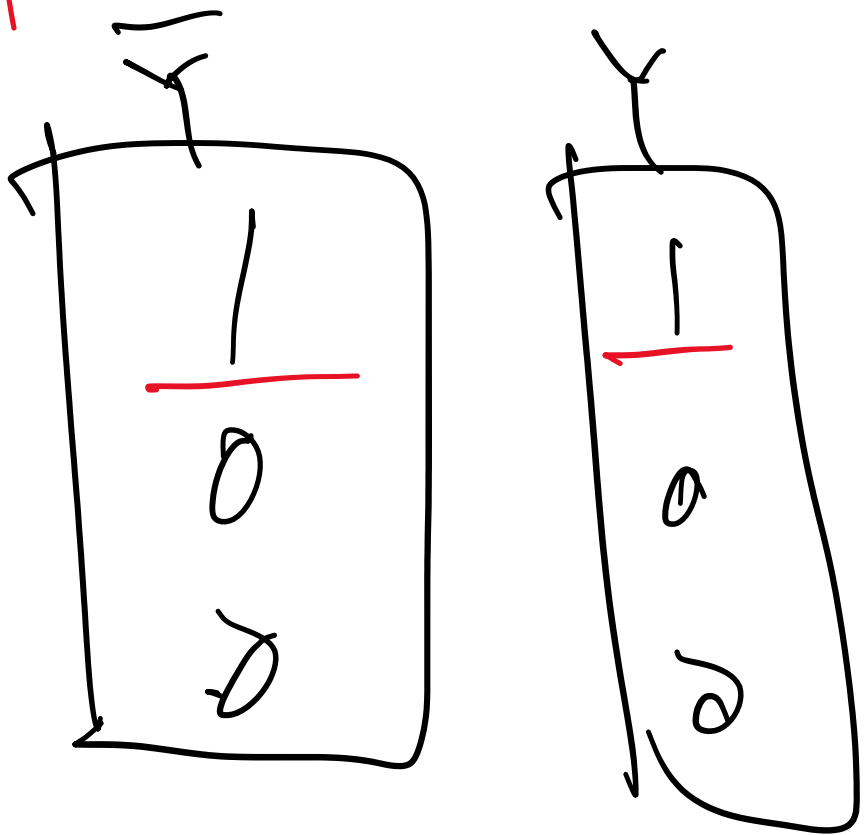


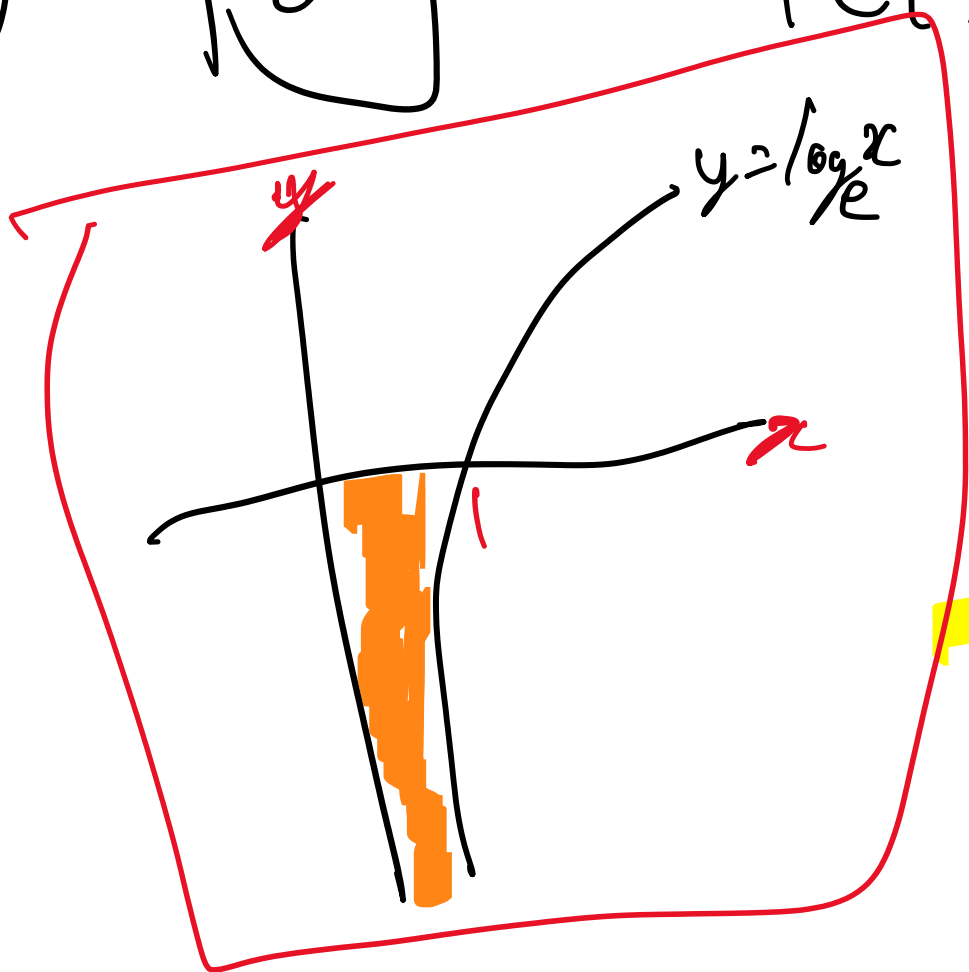
nn.LogSoftmax() + NLLLoss \Rightarrow binary multinomial 3-classification
CrossEntropyLoss

Case #1



\Rightarrow CrossEntropyLoss

$$f(\bar{y}, y) = - \sum_i y_i (\log \bar{y}_i)$$

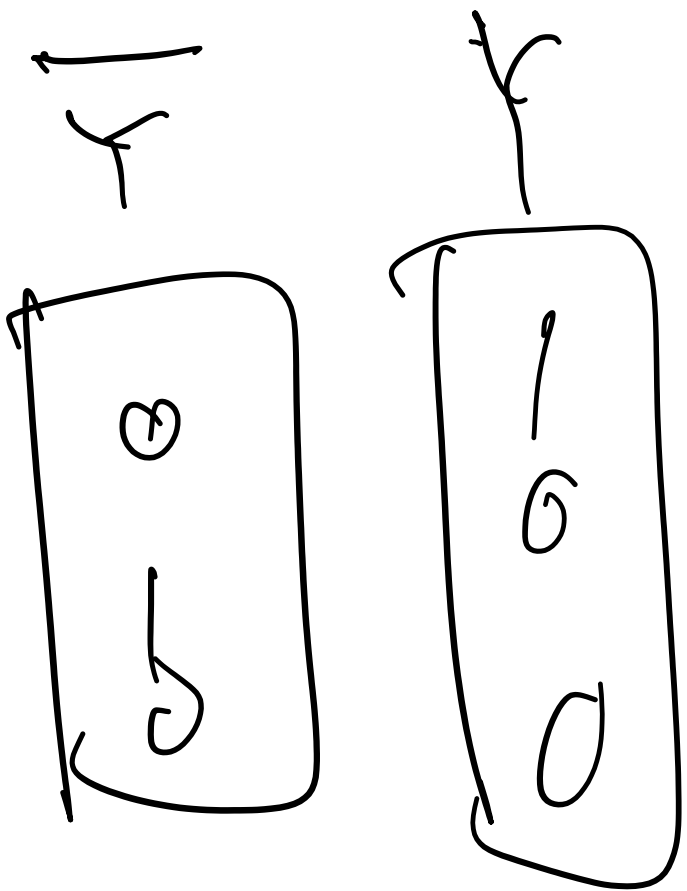


$$= - \sum_i 1 \times (0)$$

$$= 0 + 0 + 0$$

$$= 0$$

Case #2



$$L = f(\bar{y}, y) = - \sum_i y_i (\log \bar{y}_i)$$

$$= \infty + 0 + \infty$$

$$= \infty$$

