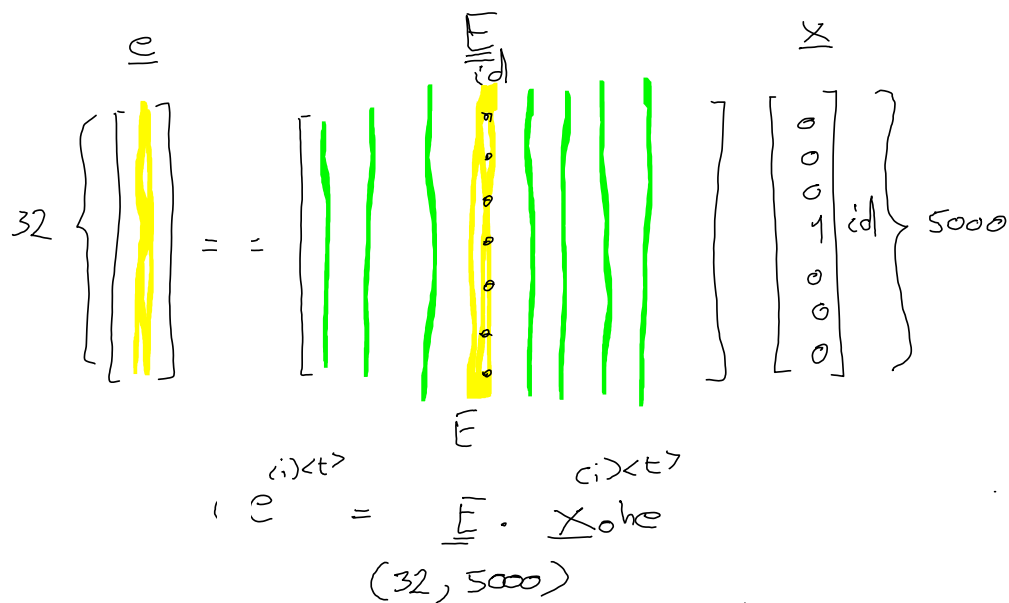
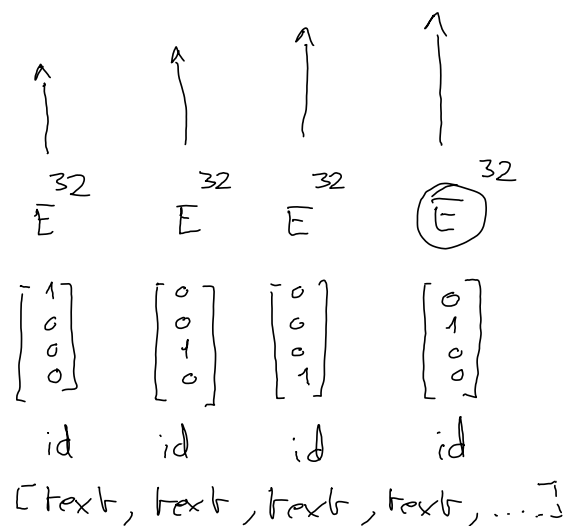
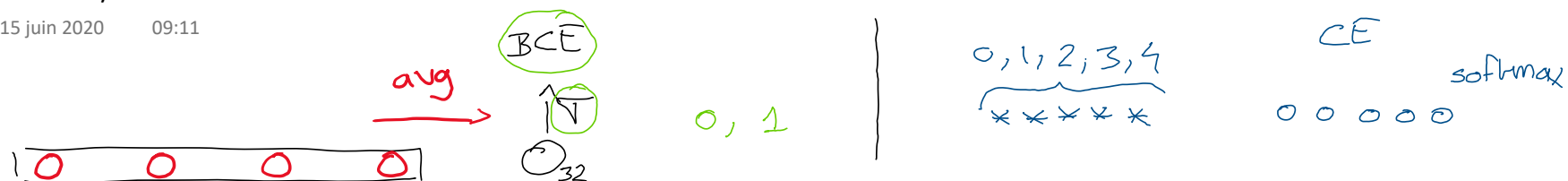


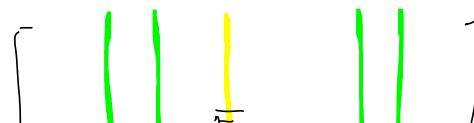
TSIA-203/214 Lab RNN IMDB

lundi 15 juin 2020 09:11

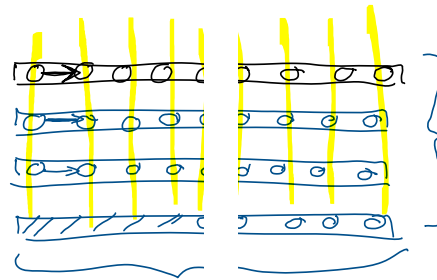
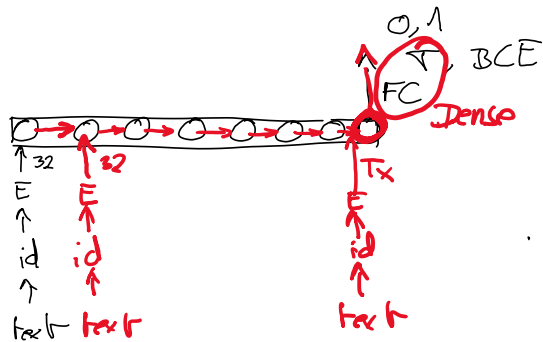
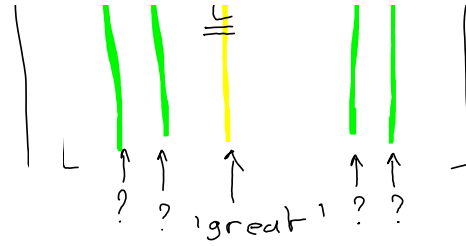


embedding ← Embedding ← ~~one-hot-encoding~~
 ← id

input dimension
 (m, D)



↑
 # examples
 mini-batch
 (m, w, h)
 (m, T_x, D)
 ↑
 (w, h)



music → audio 

→ symbolic representation: score 

<u>midi</u>	0.125	5	60	100
	0.5		62	120

Bach cello suite .midi files

download
read

$$p(y^{<1>}, y^{<2>}, \dots, y^{<T>}) = \prod_i p(y^{<i>} | y^{<1>}, \dots, y^{<i-1>})$$

$$\prod_i p(y^{<i>} | y^{<i-1>}) \quad \text{bigram}$$

$$\prod_i p(y^{<i>} | y^{<i-1>}, y^{<i-2>}) \quad \text{trigram}$$

