



deeplearning.ai

# Sequence to sequence models

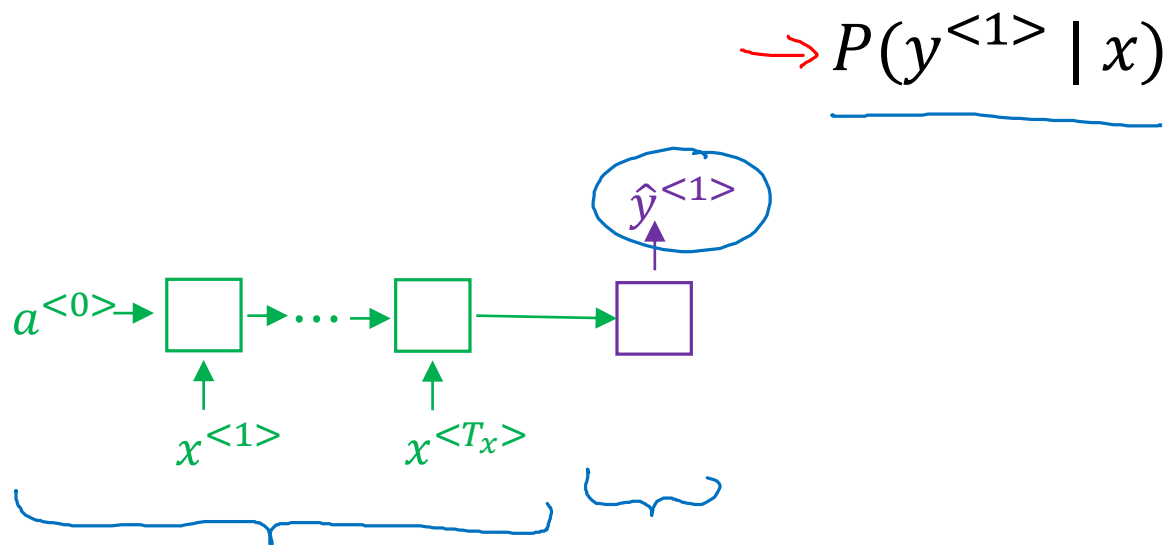
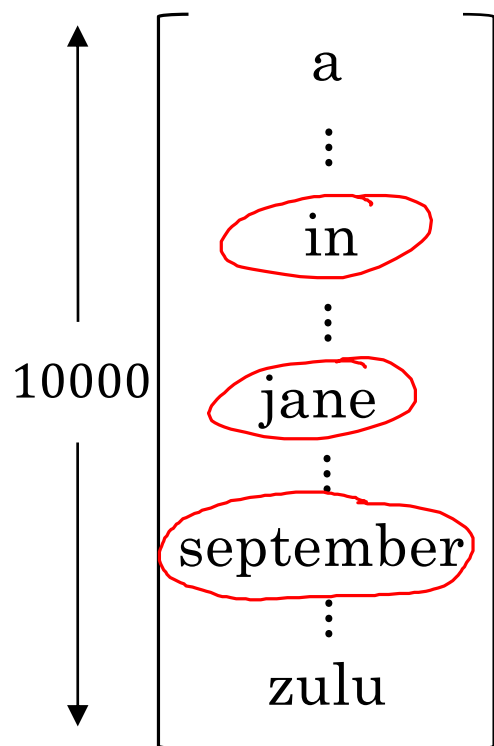
---

## Beam search

# Beam search algorithm

$B = 3$  (beam width)

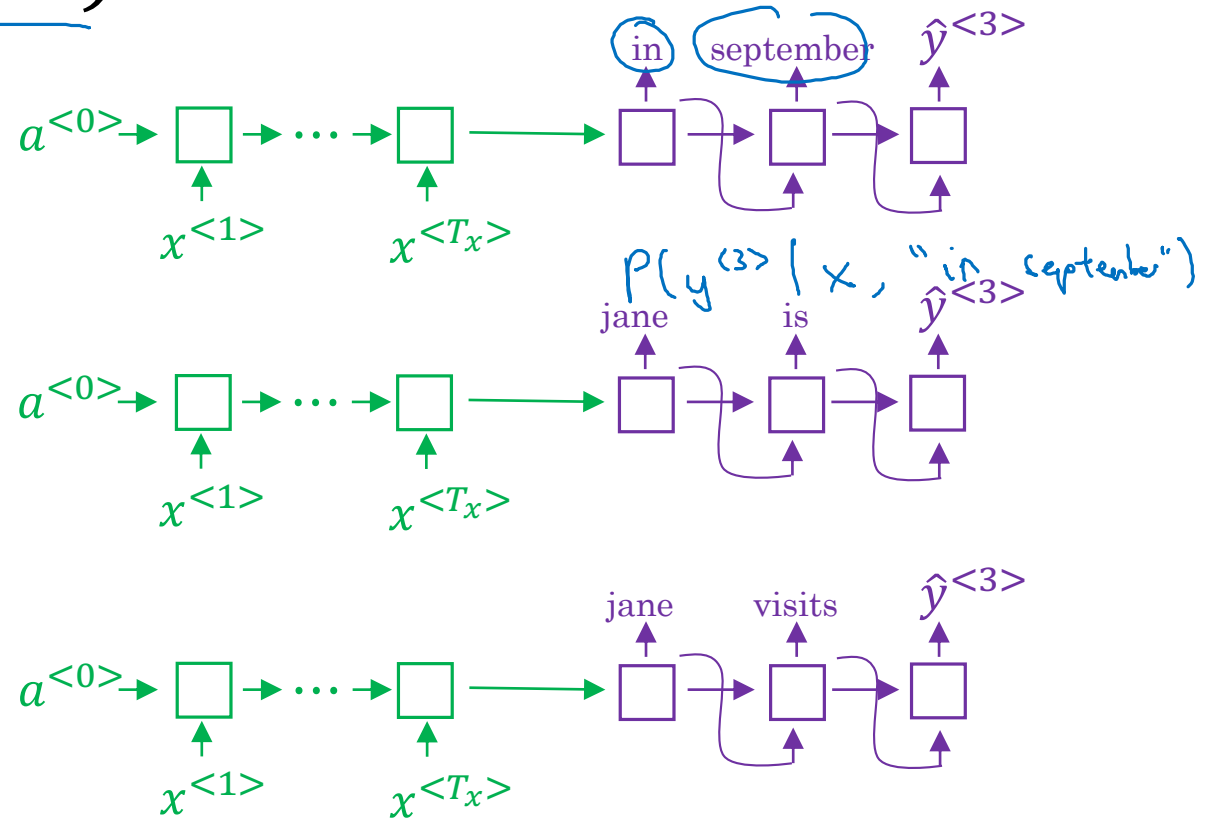
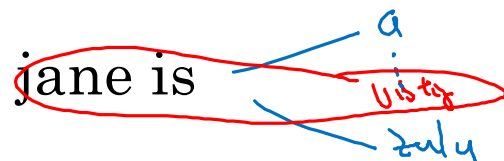
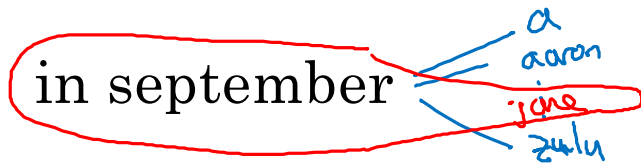
Step 1





# Beam search ( $B = 3$ )

$B=1 \rightsquigarrow$  greedy search



$$P(y^{<1>}, y^{<2>} | x)$$

jane visits africa in september. <EOS>