

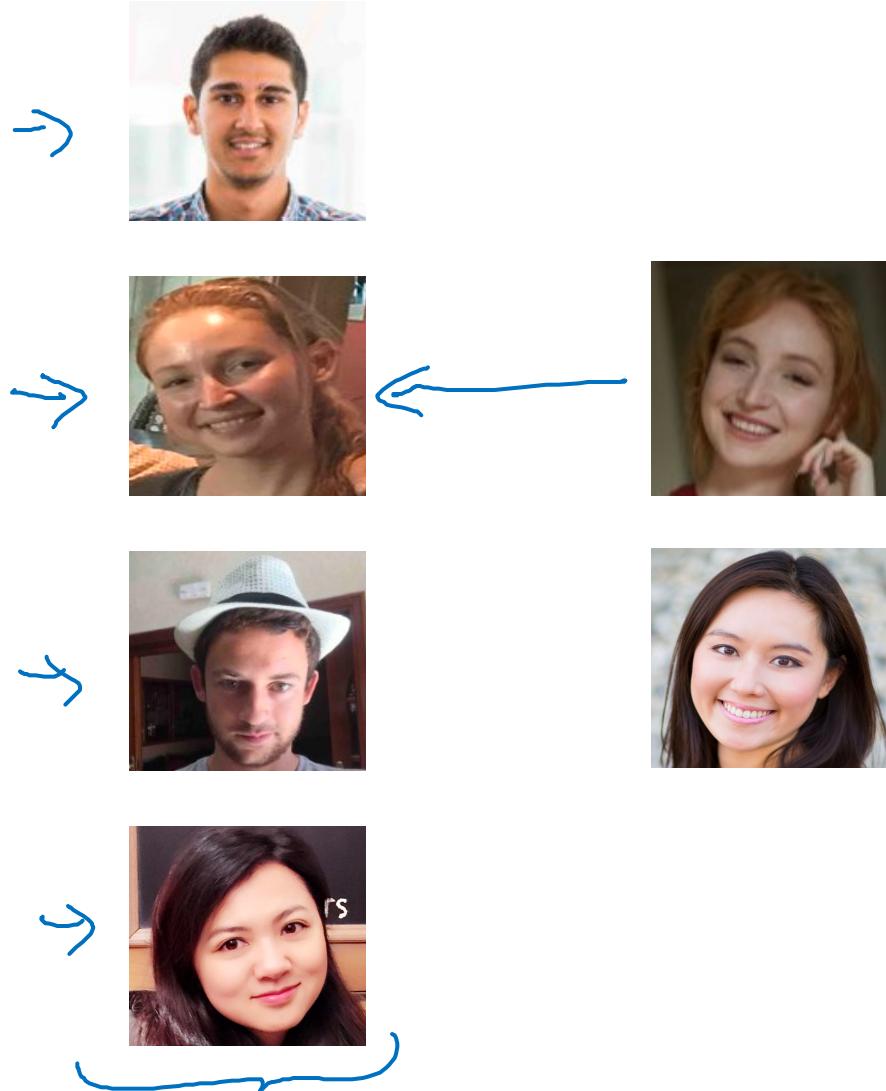


deeplearning.ai

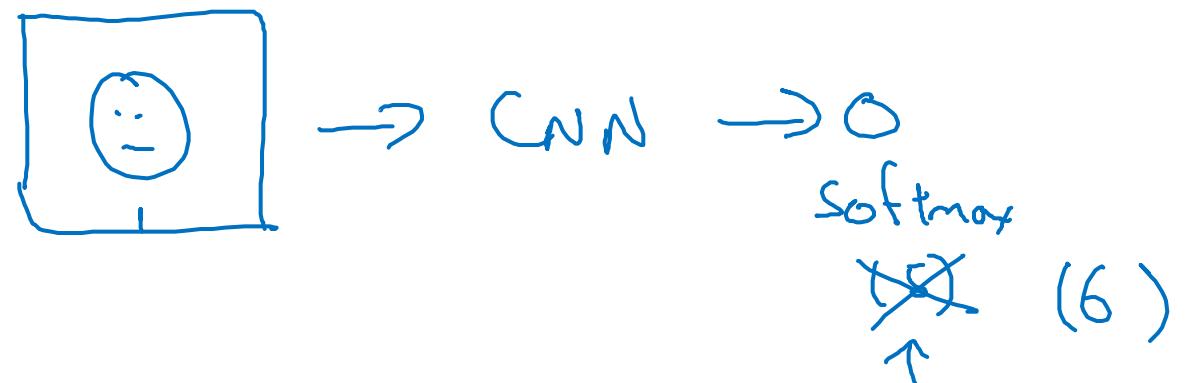
Face recognition

One-shot learning

One-shot learning



Learning from one
example to recognize the
person again



Learning a “similarity” function

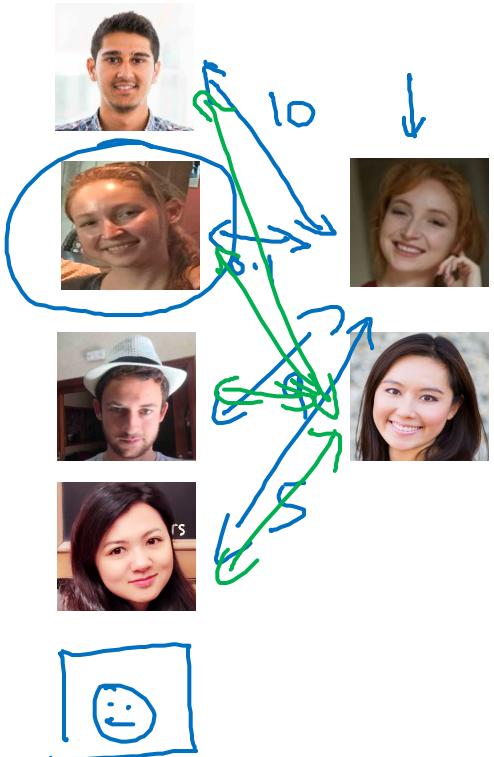
→ $d(\underline{\text{img1}}, \underline{\text{img2}})$ = degree of difference between images

If $d(\text{img1}, \text{img2}) \leq \tau$

$> \tau$

“some”
“different”

} Verification.



$d(\text{img1}, \text{img2})$