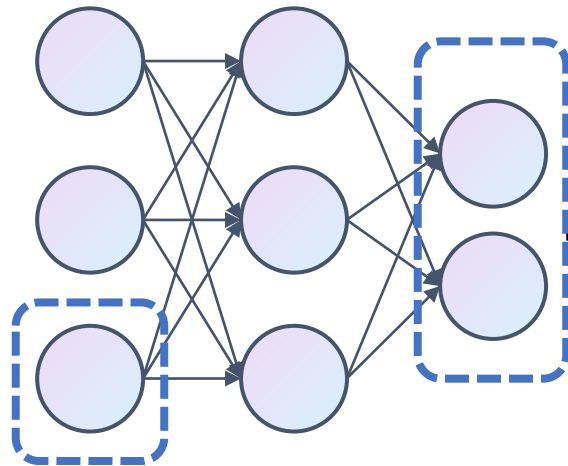
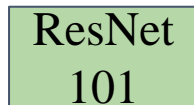
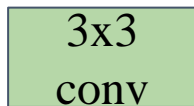


Input



Turn
white/black
(0/1)



Output