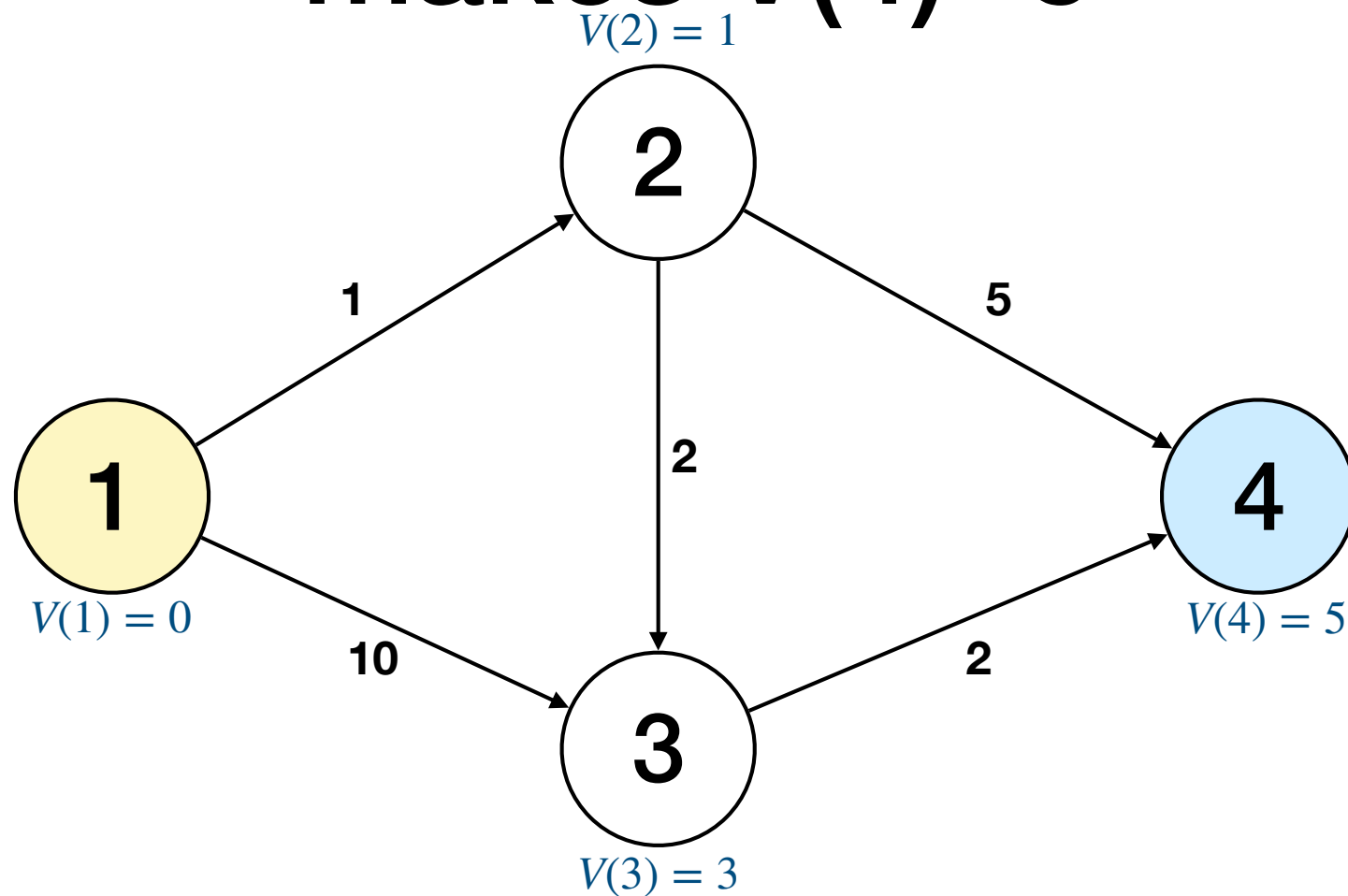
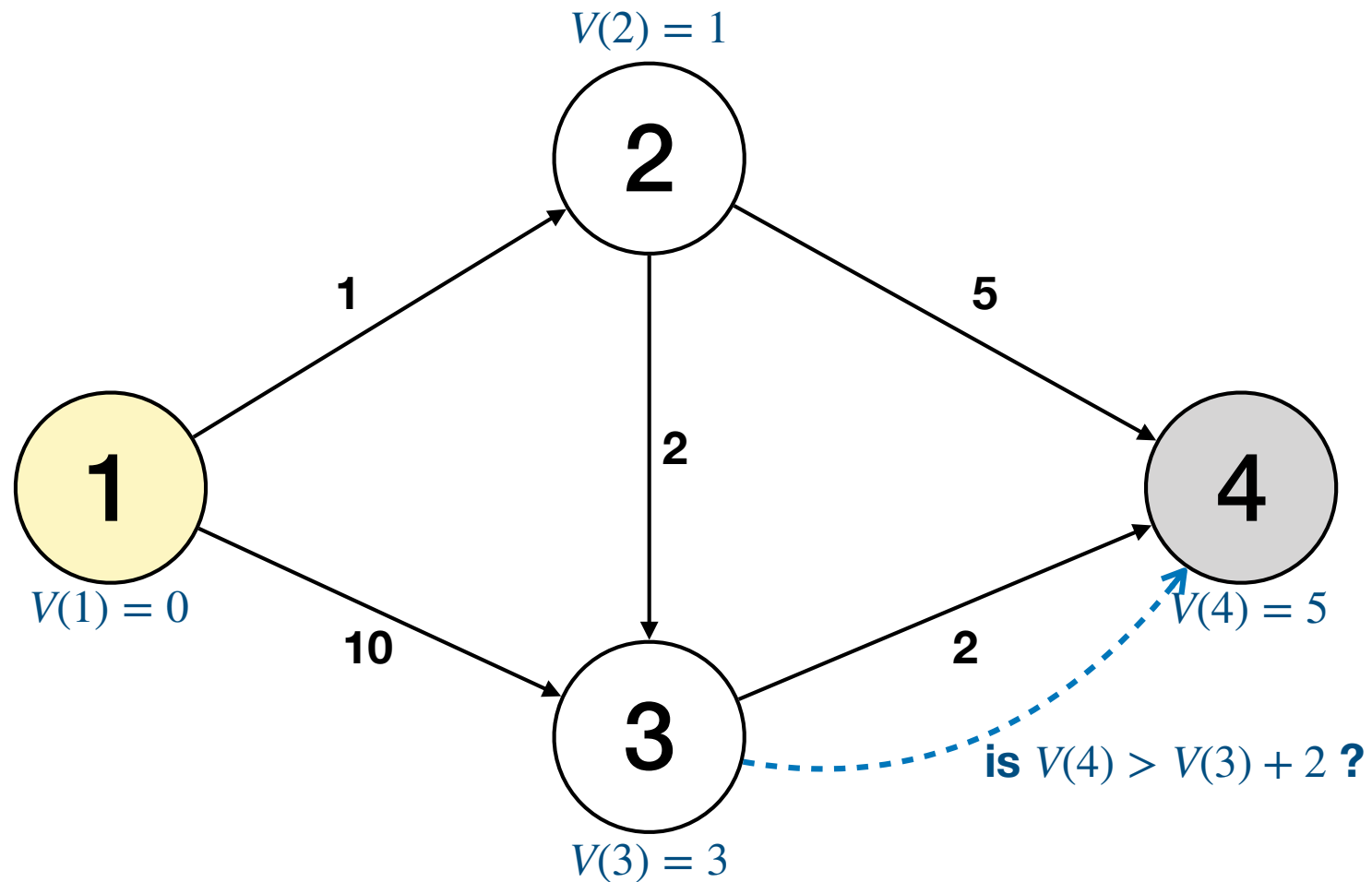


**Find the path that provides  
the minimum cost**

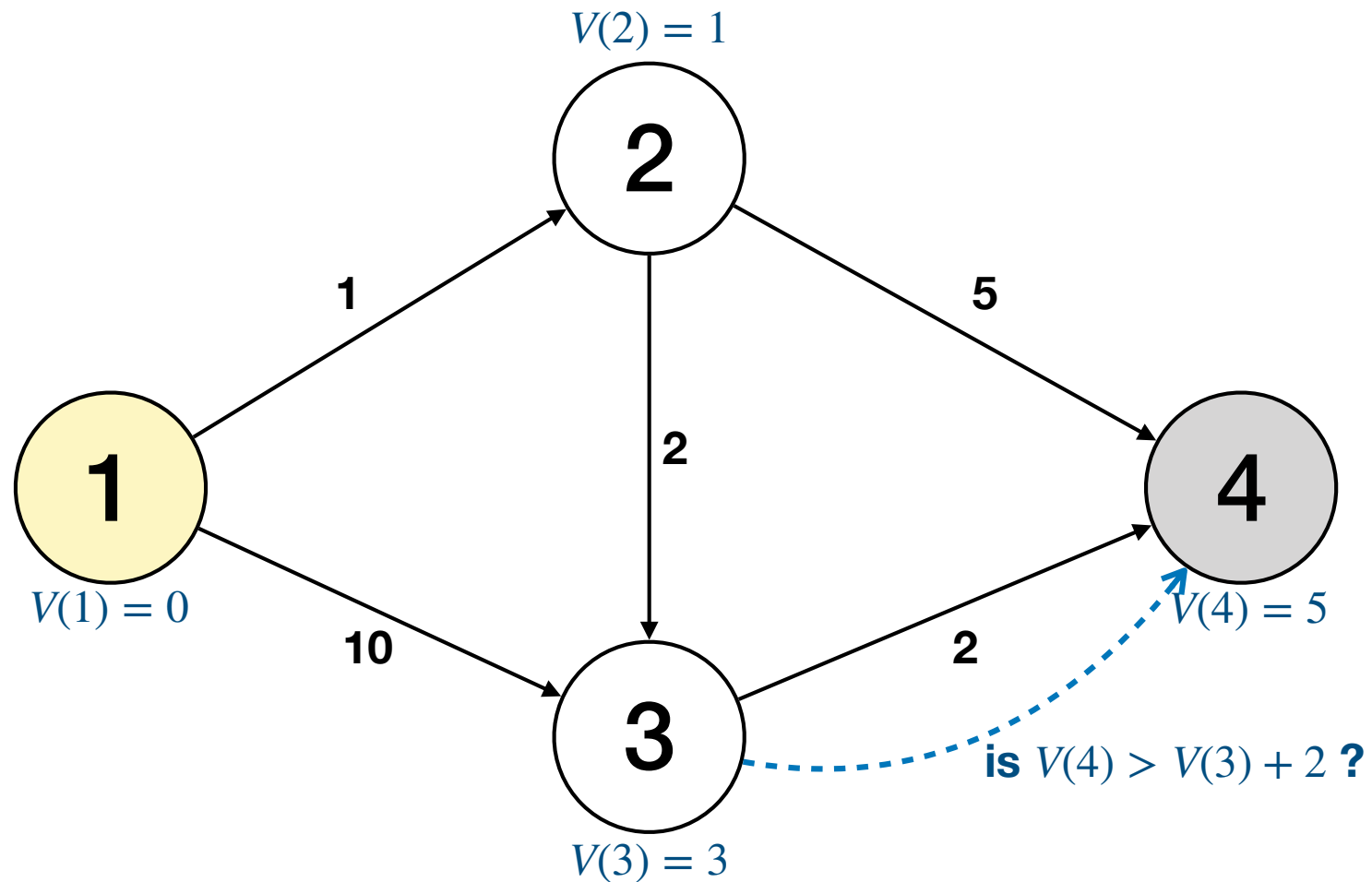
now find the path that  
makes  $V(4)=5$



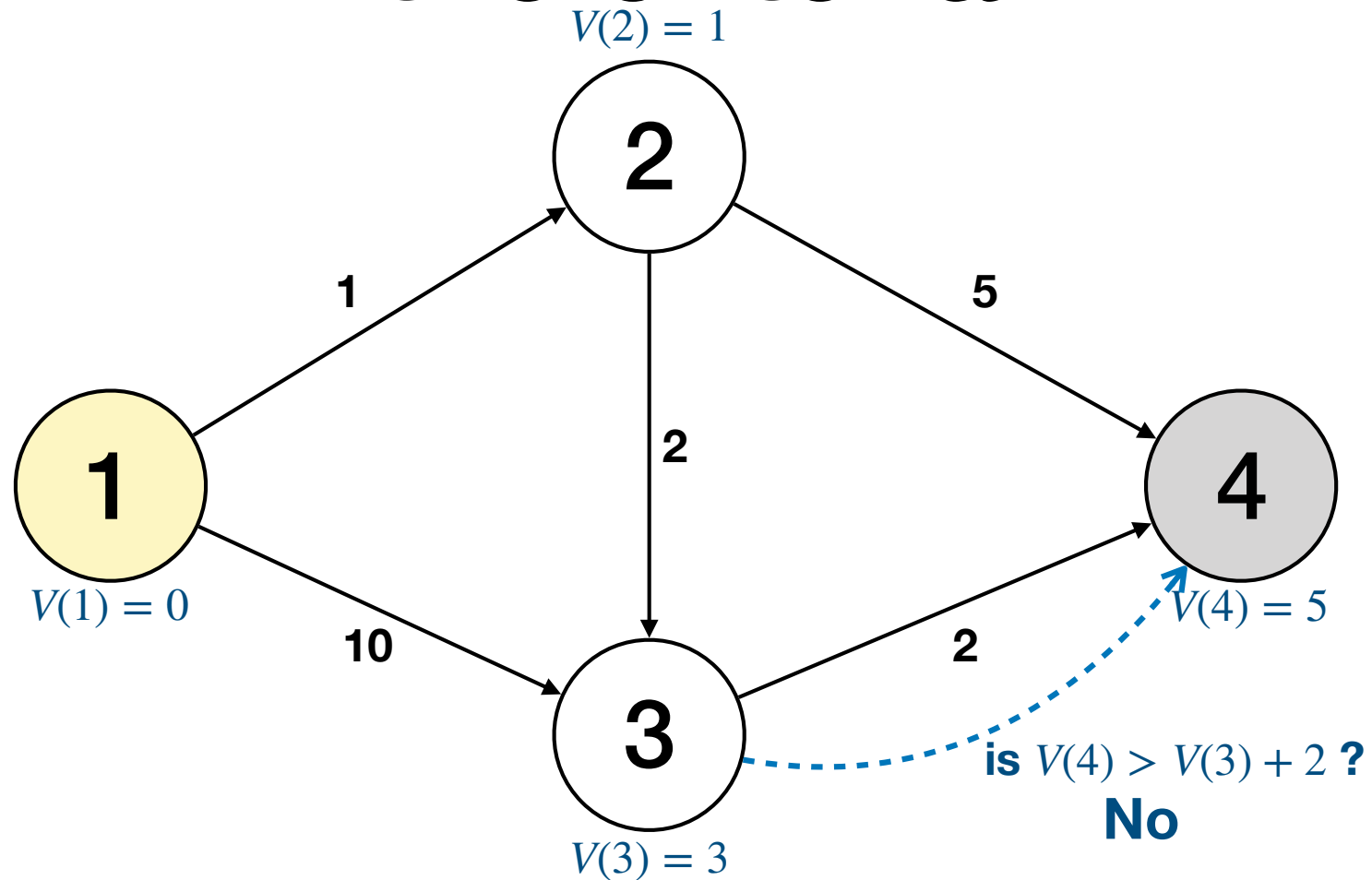
# start from node 4



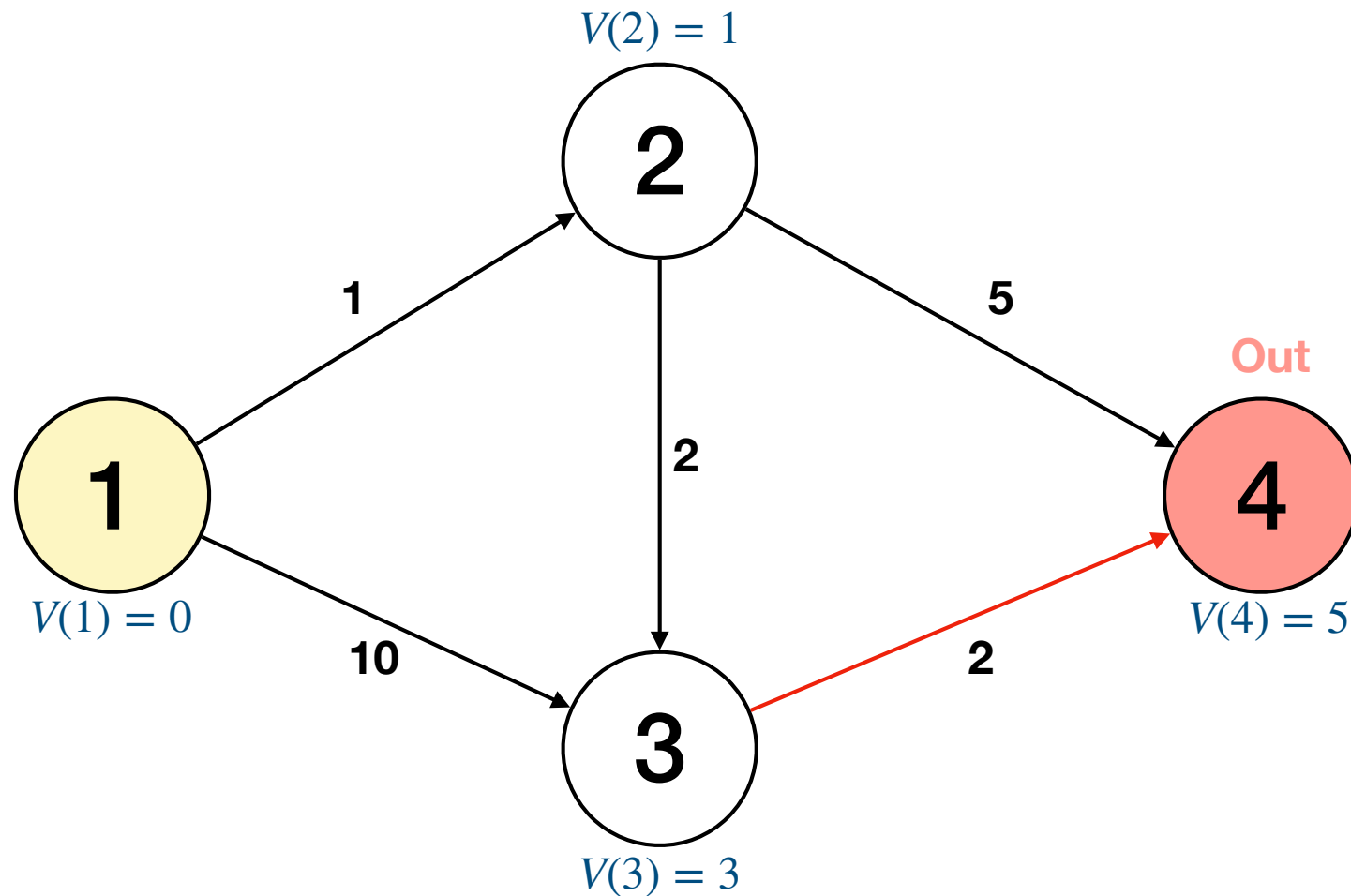
# try path from node 3 to 4



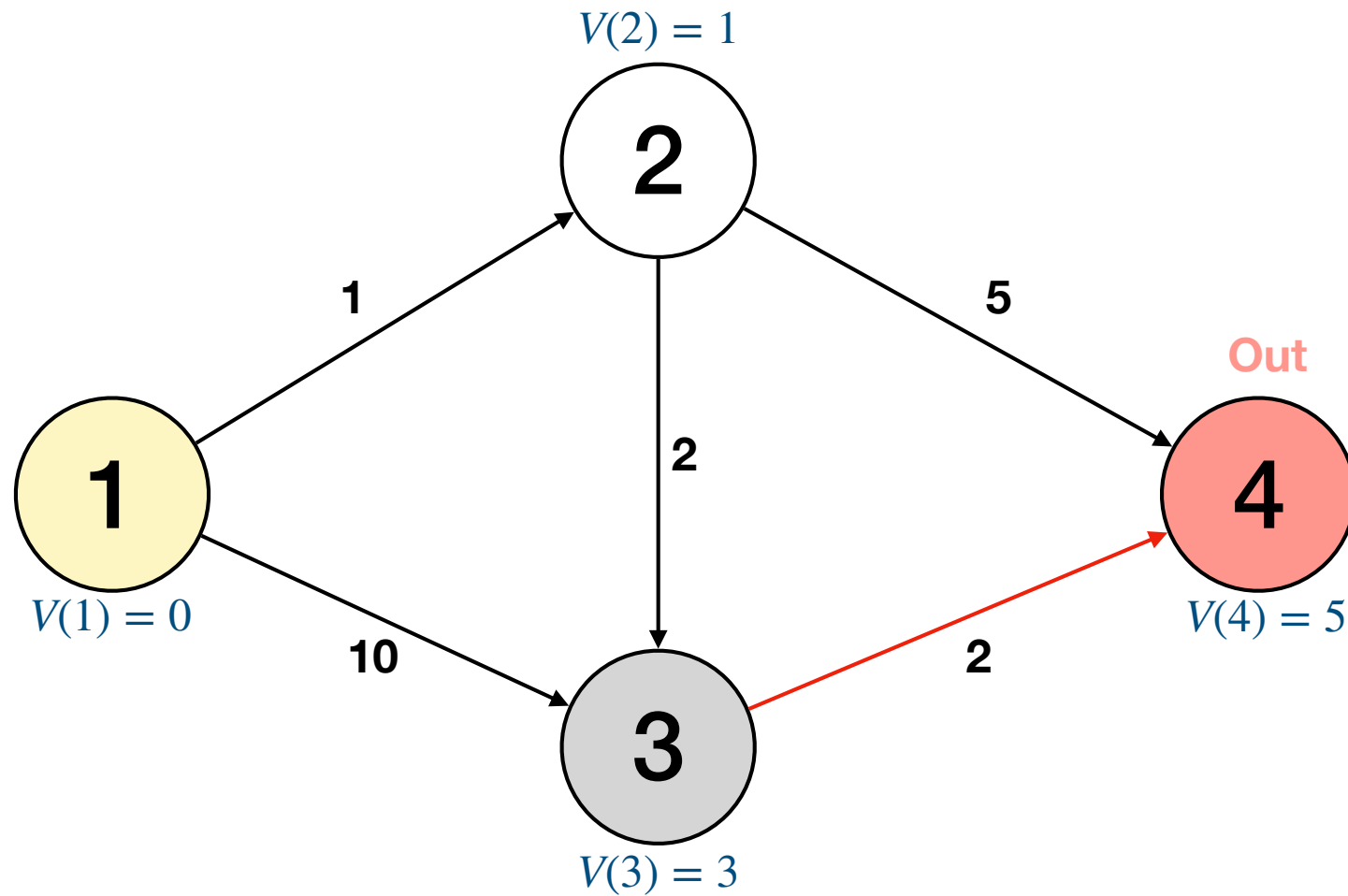
# determine if the path meets the criteria



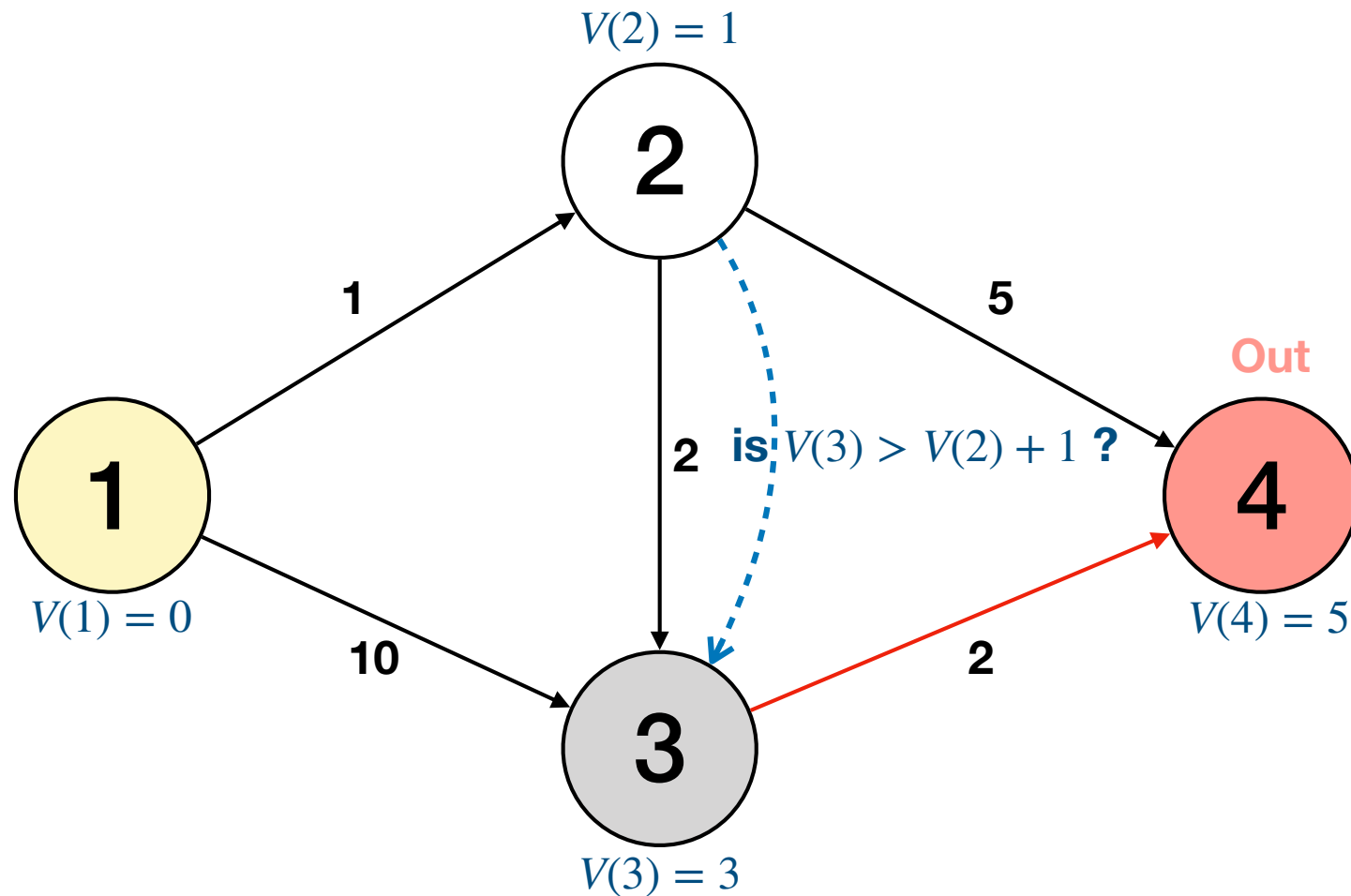
# path updated



# go to node 3

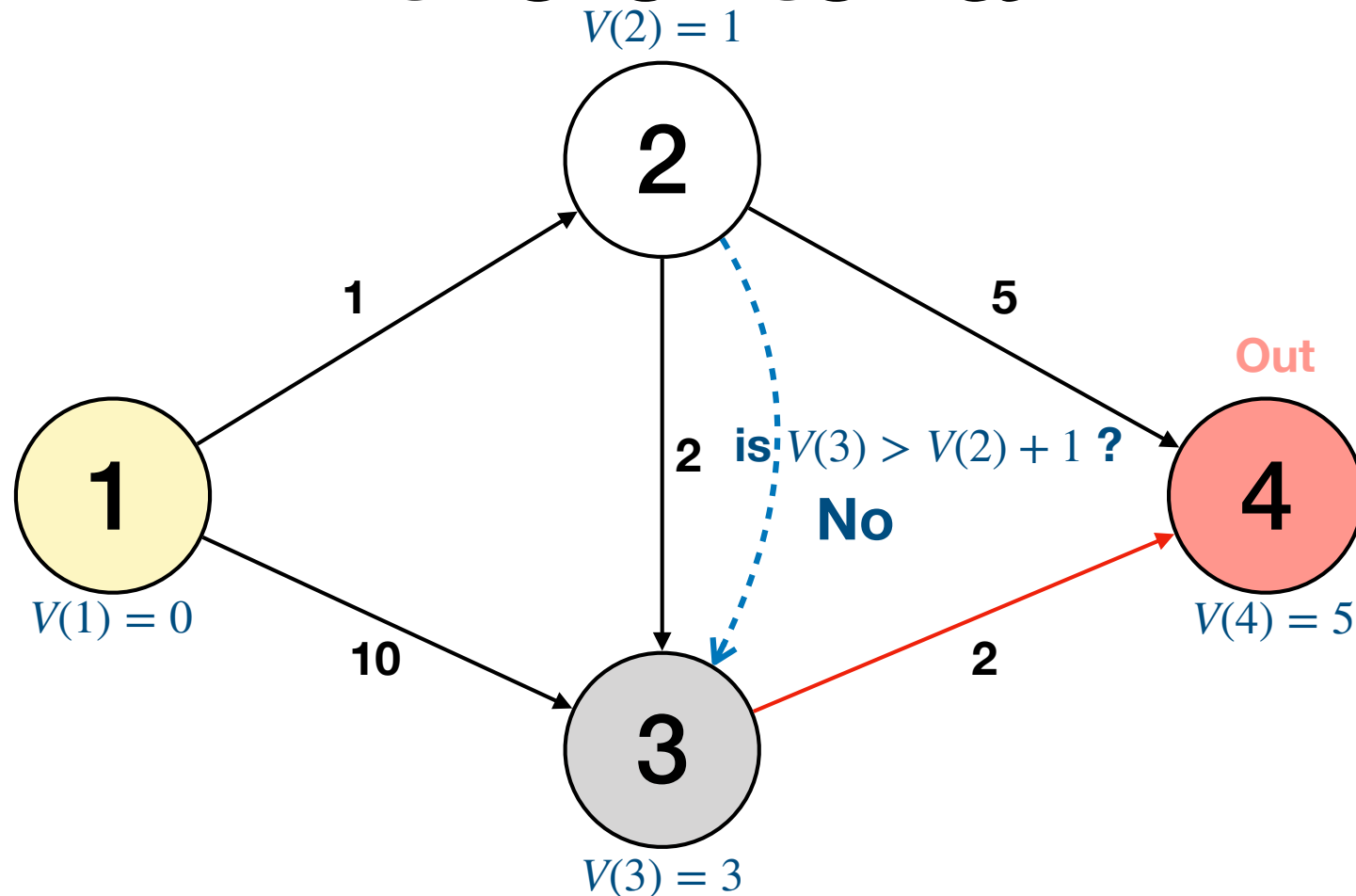


# try path from node 2 to 3

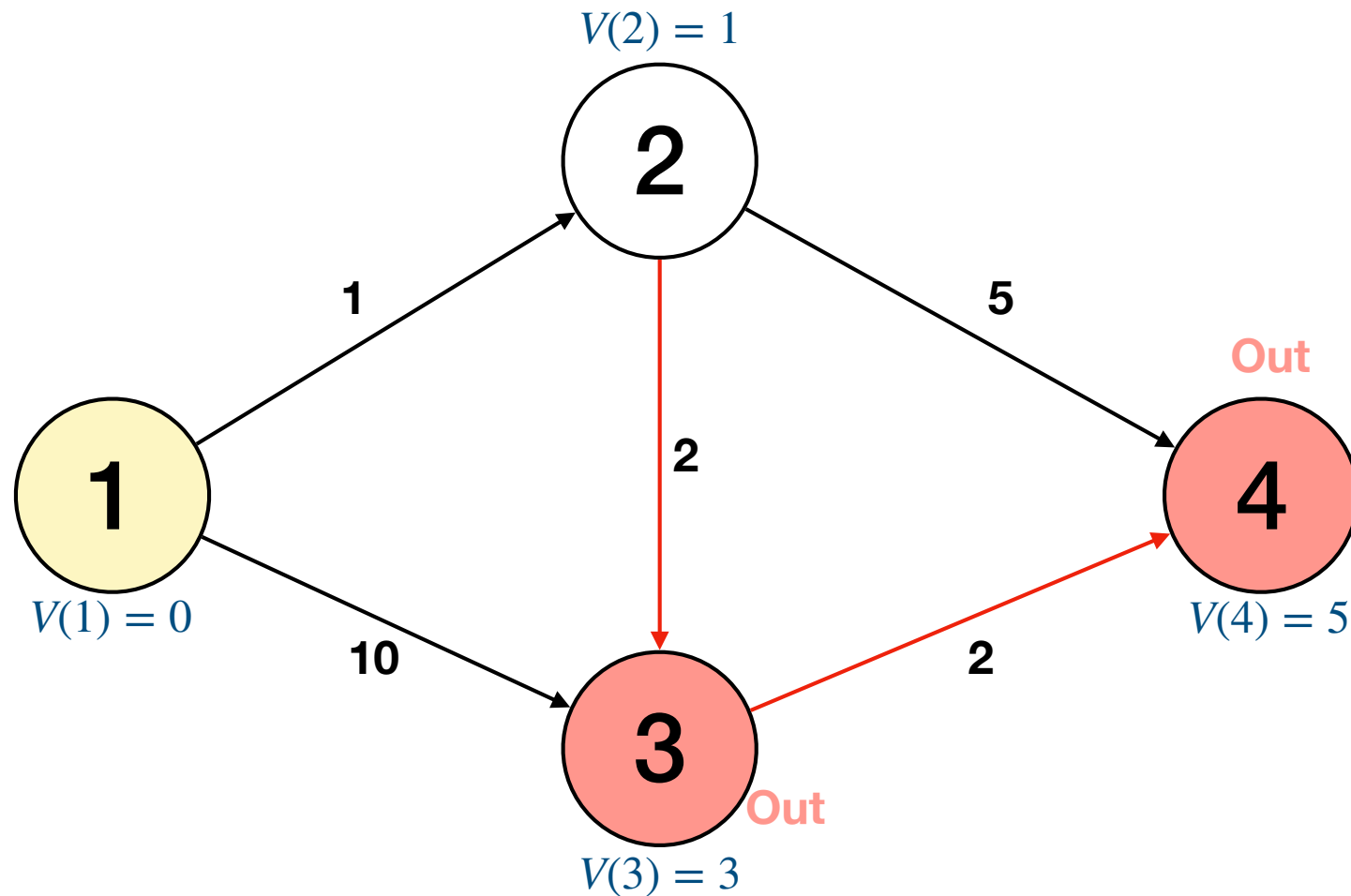




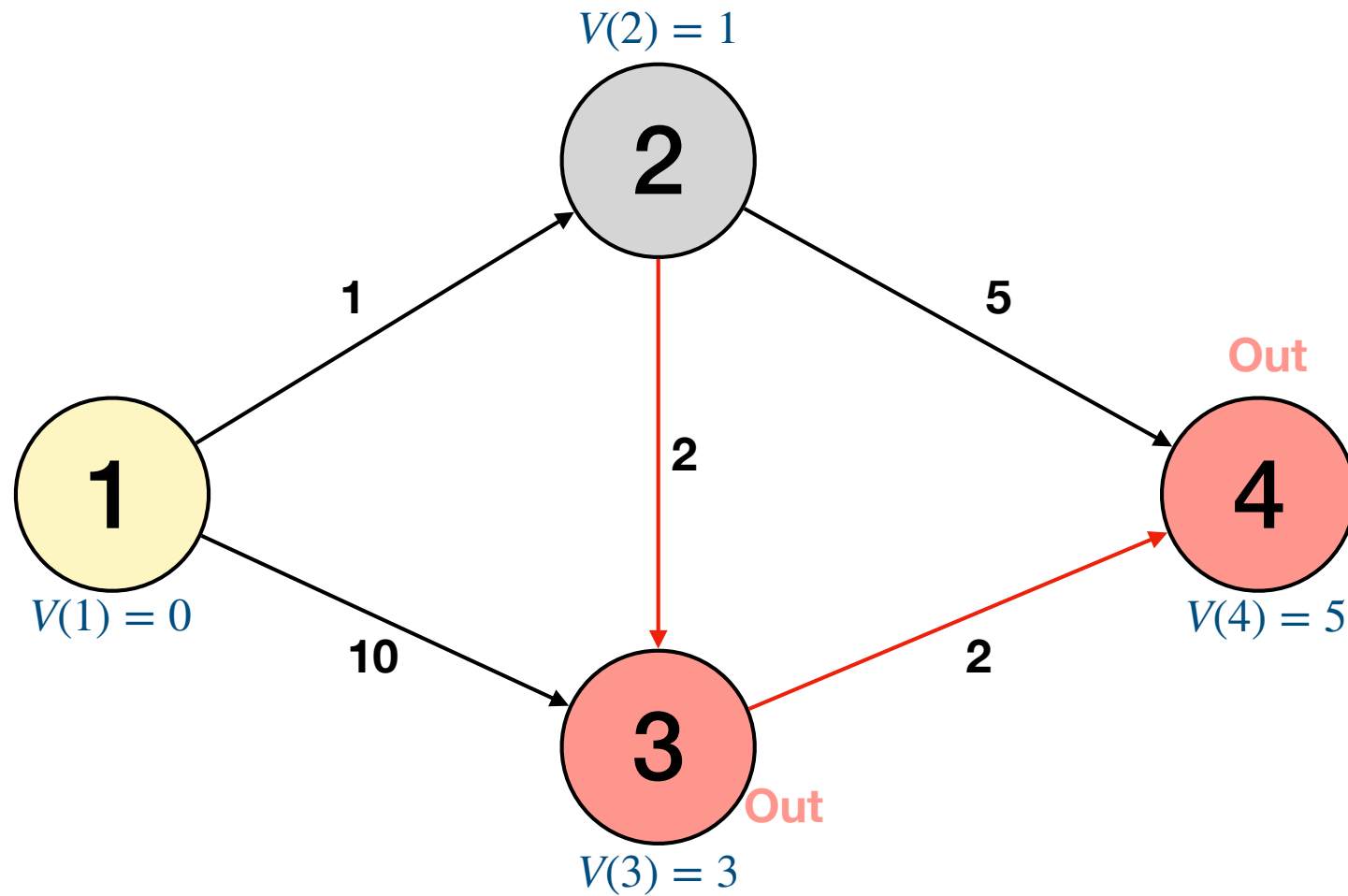
# determine if the path meets the criteria



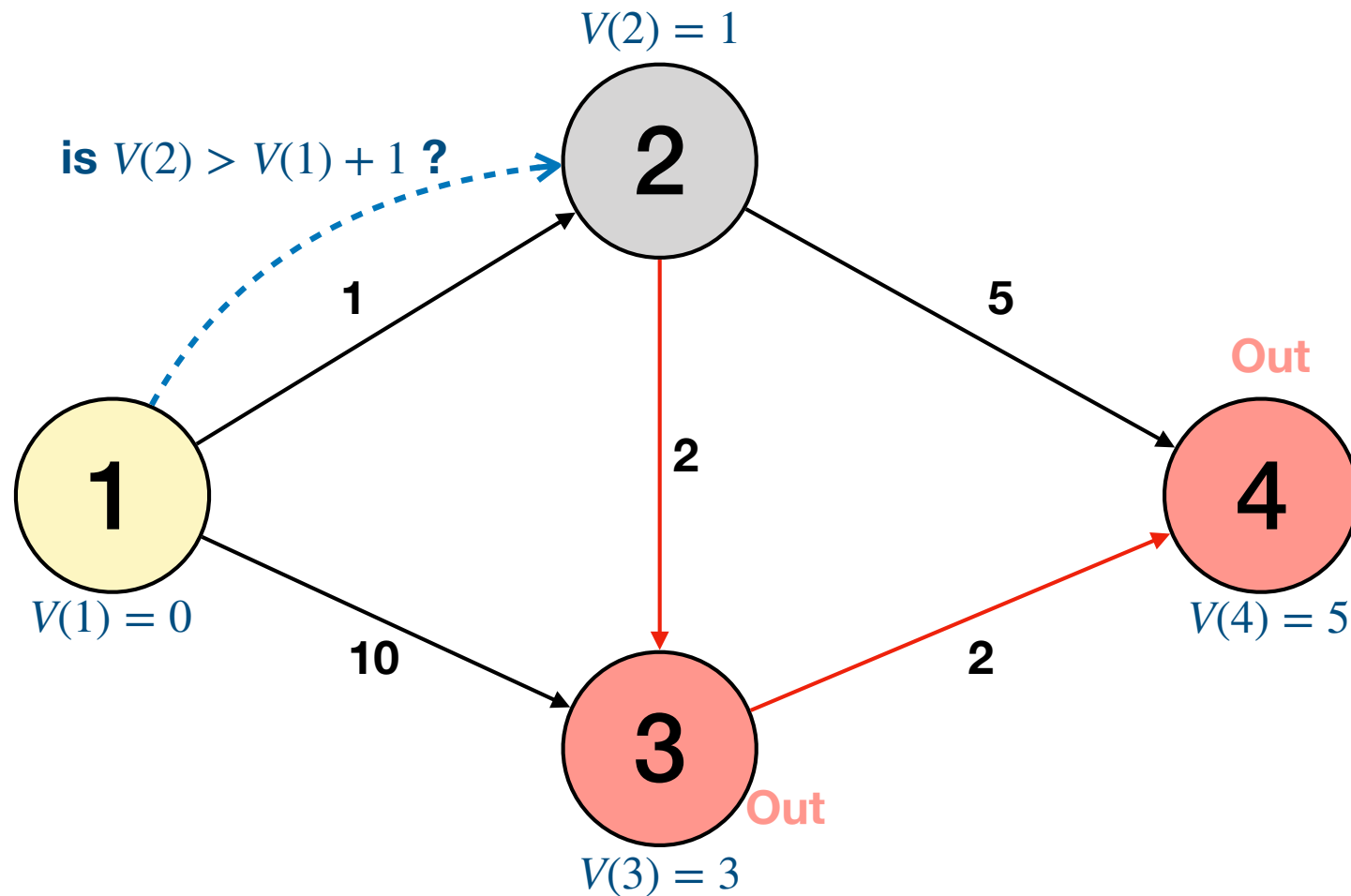
# path updated



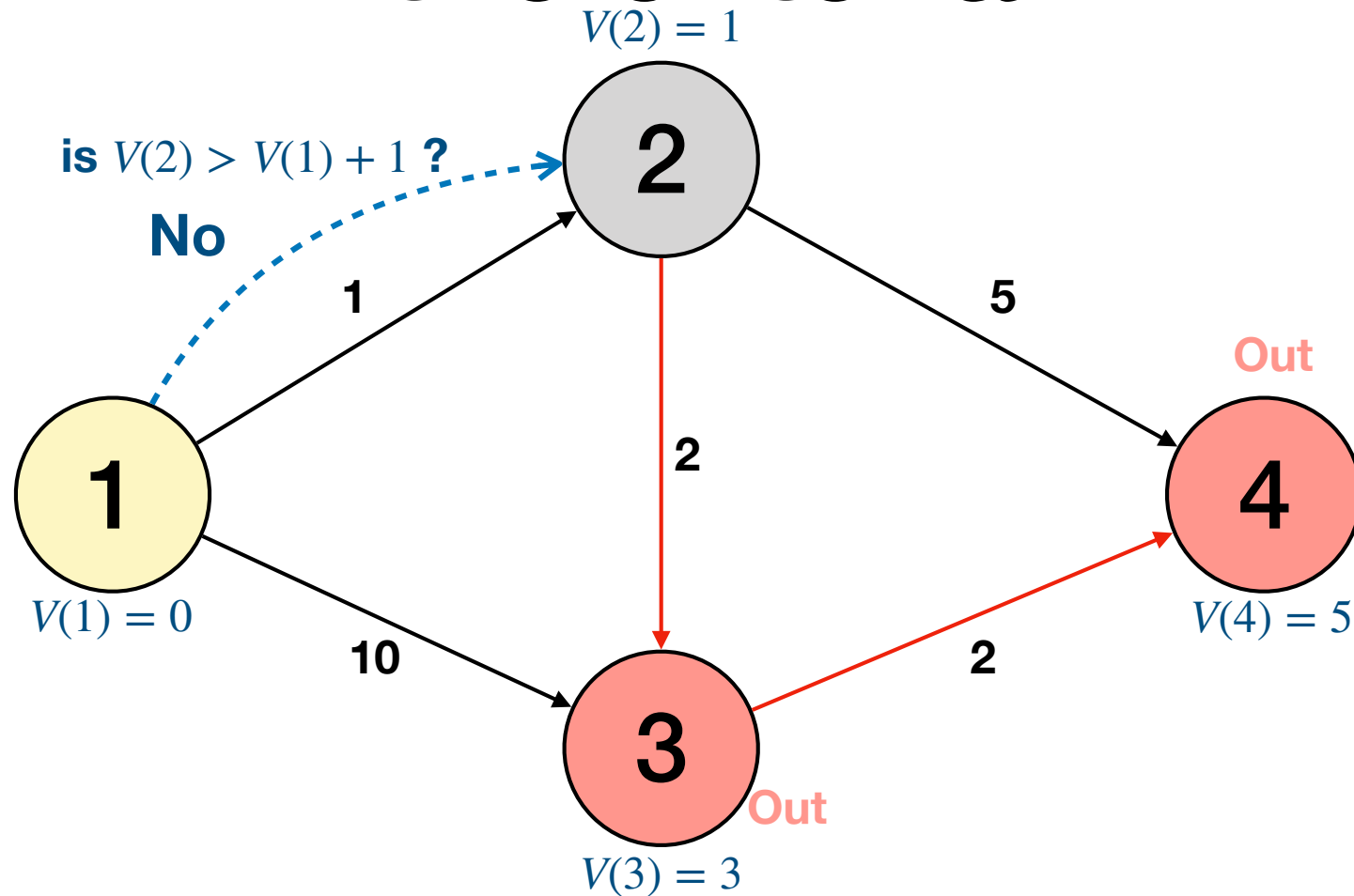
# go to node 2



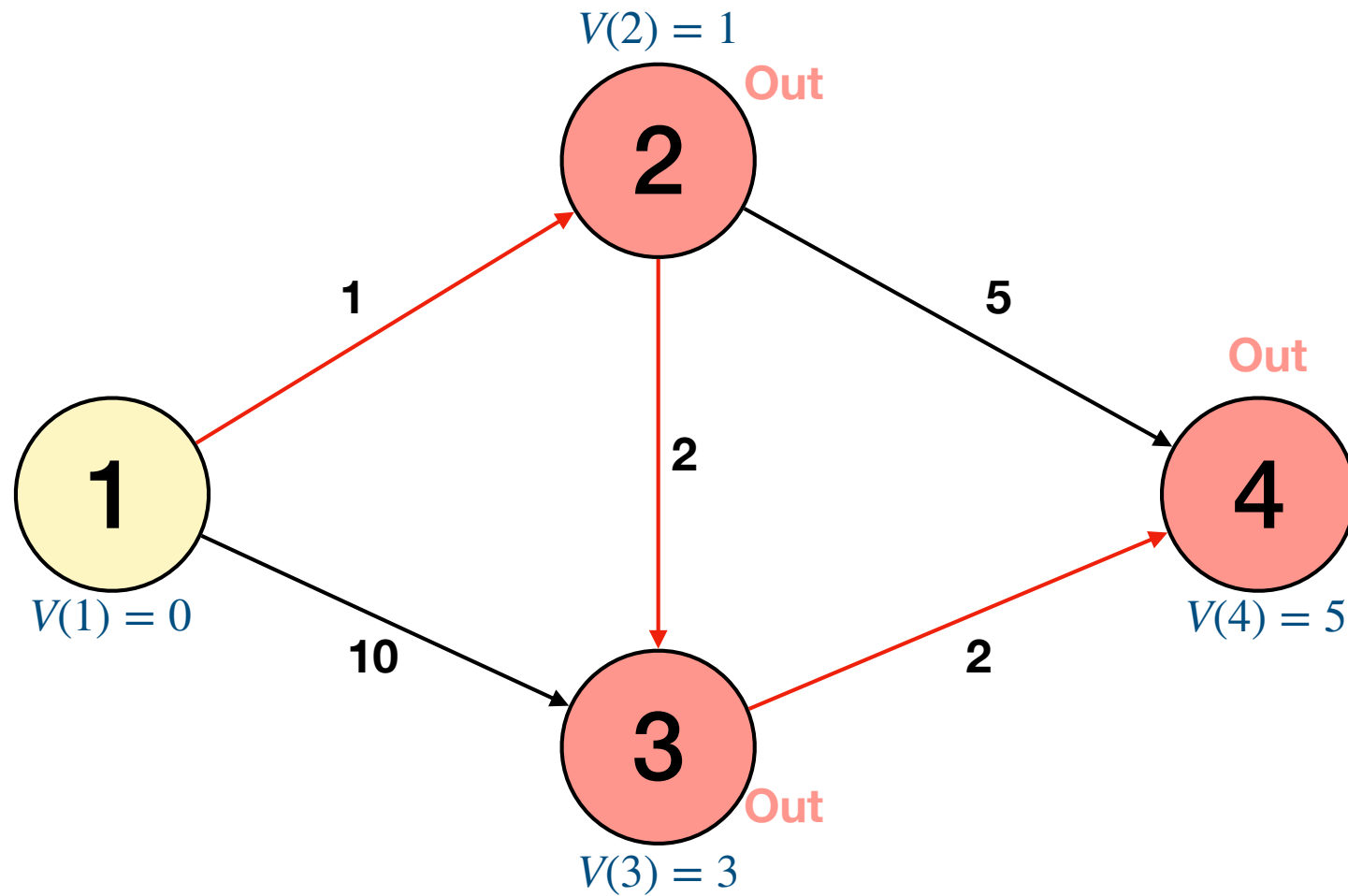
# try path from node 1 to 2



# determine if the path meets the criteria



# path updated



# final path

