

$n = 3$ 

target = 

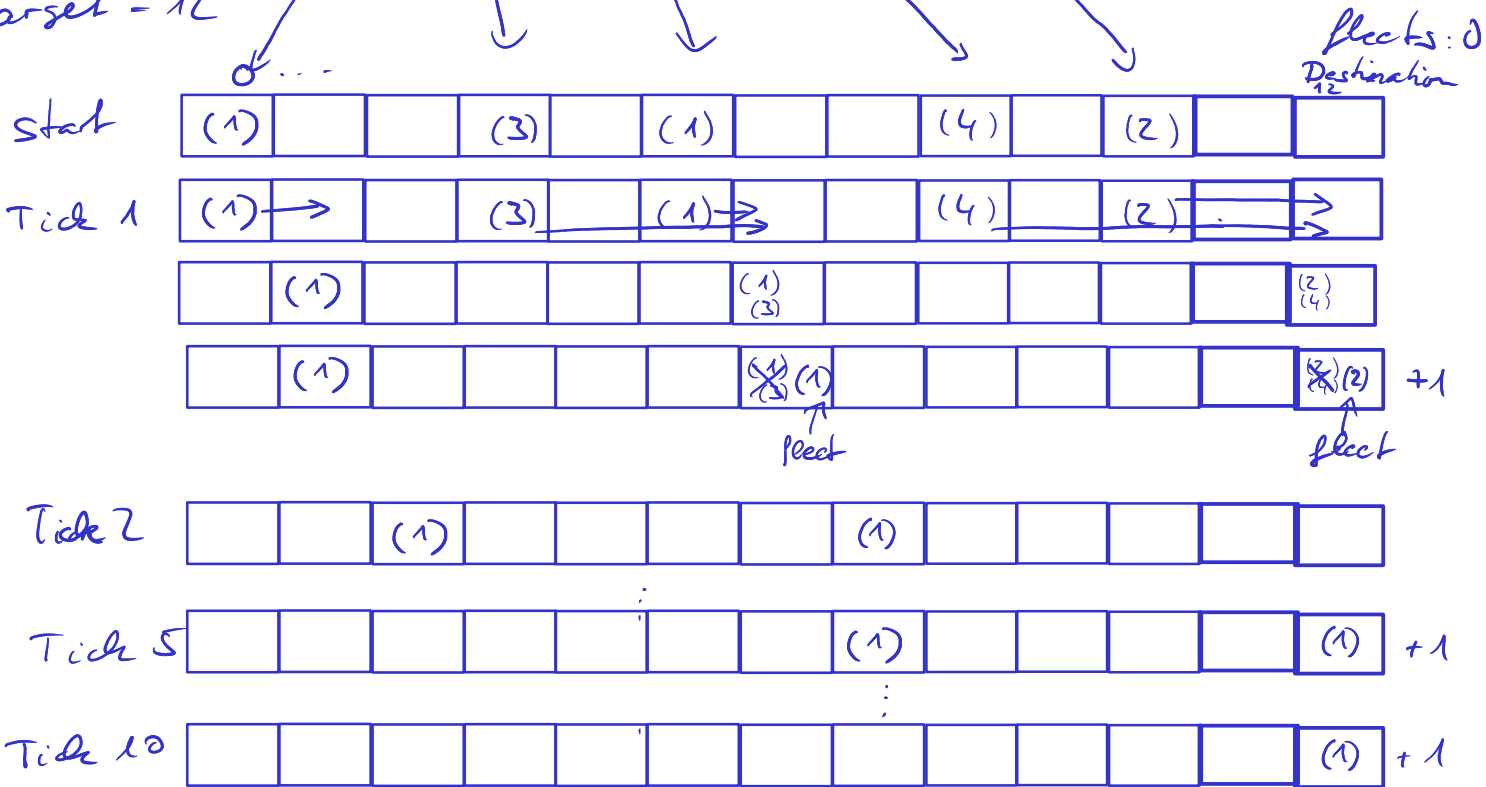
inputs: position[], speed[] length n ?

target = 12
 position = [10, 8, 0, 5, 3]
 speed = [2, 4, 1, 1, 3] } [(10, 2), (8, 4), (0, 1), (5, 1), (3, 3)]

sort by position, then by speed:

[(0, 1), (3, 3), (5, 1), (8, 4), (10, 2)]

target = 12



= 3

$(10, 2), (8, 4), (5, 1), (3, 3), (0, 1)$

Stack = []

4 Calculate Time needed for car to reach destination :

$$\text{time} = \frac{(\text{Target} - \text{Position})}{\text{speed}}$$