We will iterate through the loop, and save the lowest value and highest value, then we will loop through again, if it the lowest value, if it as in a the lightest value were clone, else we keep booking, if we reach the end of the list, it isn't.

for i in Ren(n)

if h < arrival

h = arrival

if | > arr(i)

l = arr(i)

for : i= (Ran(n)

if a(r(i) == 1

if a(r(i)-i) == h

return true

redun false

This algorithm is  $\Theta(s)$ 

Jack Stevenson

Nils Streedain

Julison Hart