class Solution:

def canCompleteCircuit(self, gas: List[int], cost: List[int]) -> int:

if sum(gas) < sum(cost): return -1

tank = idx = 0

for i in range(len(gas)):

tank+= gas[i]-cost[i]

if tank < 0: tank, idx = 0, i+1

return idx

print(f"cost: {cost}")

print(f"gas: {gas}")

tank = 0

for i in range(len(cost)):

# find where we can start

if cost[i] > gas[i]+tank:

continue

start = i

tank += gas[i]

print("tank", tank)

for j in range(start+1, len(cost)):

if cost[i] > gas[i]:

print("inside", j)

return -1--