Problem # 832: Flipping an Image (Easy)

<https://leetcode.com/problems/flipping-an-image/>

My solution:

<https://leetcode.com/problems/flipping-an-image/discuss/931600/Simple-Python-3-Solution-Runtime-beats-79.68>

1. Initialize the result list to an empty list.
2. Let n be the length of the first row of the matrix A.
3. Iterate through each row. First reverse the row. Then for each element of the row, assign to it the value of 1 - the element. So if the value of element is 1 it becomes 0, and if it is 0, then it becomes 1.
4. Append the row to the result list.
5. Return the result list.

class Solution:

def flipAndInvertImage(self, A: List[List[int]]) -> List[List[int]]:

result = []

n = len(A[0])

for row in A:

row = row[::-1]

for i in range(n):

row[i] = 1 - row[i]

result.append(row)

return result