Example 1:
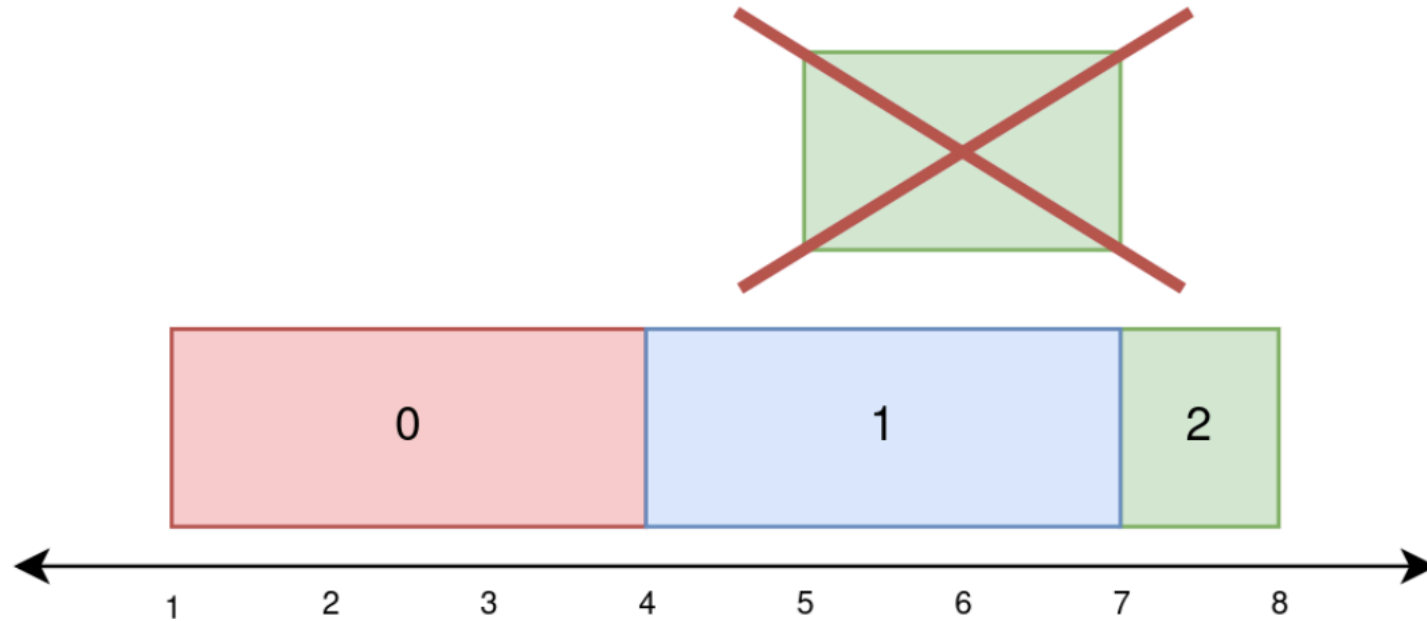

Input: paint = [[1,4],[4,7],[5,8]]
Output: [3,3,1]
Explanation:
On day 0, paint everything between 1 and 4.
The amount of new area painted on day 0 is 4 - 1 = 3.
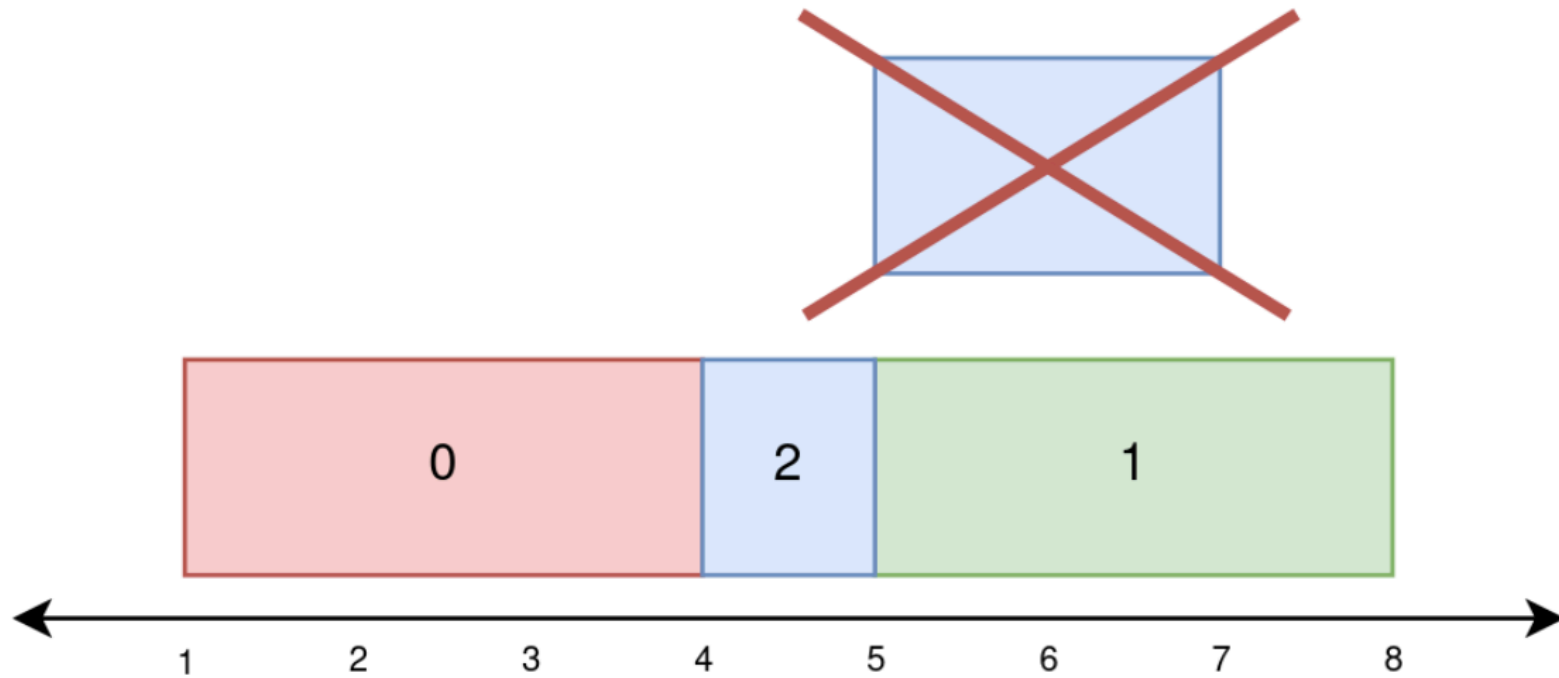On day 1, paint everything between 4 and 7.
The amount of new area painted on day 1 is 7 - 4 = 3.
On day 2, paint everything between 7 and 8.
Everything between 5 and 7 was already painted on day 1.
The amount of new area painted on day 2 is 8 - 7 = 1.

Example 2:

Input: paint = [[1,4],[5,8],[4,7]]
Output: [3,3,1]
Explanation:
On day 0, paint everything between 1 and 4.
The amount of new area painted on day 0 is 4 − 1 = 3.
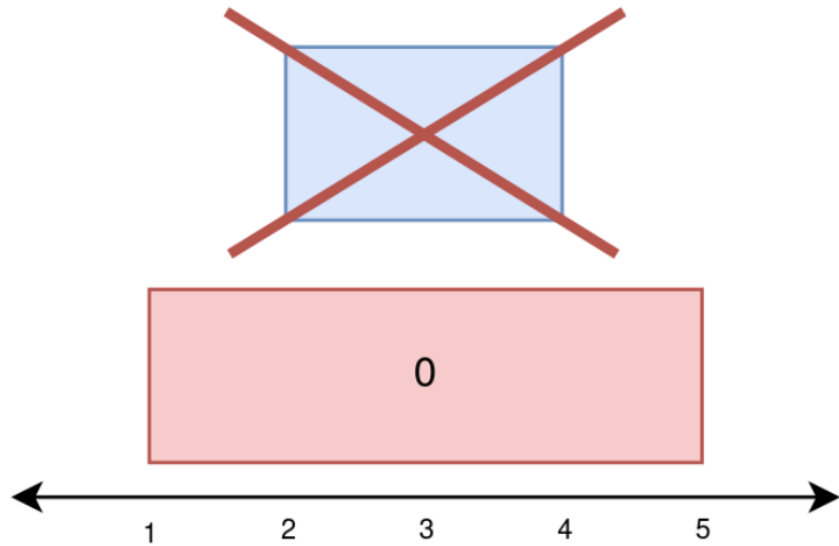On day 1, paint everything between 5 and 8.
The amount of new area painted on day 1 is 8 − 5 = 3.
On day 2, paint everything between 4 and 5.
Everything between 5 and 7 was already painted on day 1.
The amount of new area painted on day 2 is 5 − 4 = 1.

Example 3:

Input: paint = [[1,5],[2,4]]
Output: [4,0]
Explanation:
On day 0, paint everything between 1 and 5.
The amount of new area painted on day 0 is 5 − 1 = 4.
On day 1, paint nothing because everything between 2 and 4 was already painted on day 0.
The amount of new area painted on day 1 is 0.