**Problem :** [**https://practice.geeksforgeeks.org/problems/optimal-strategy-for-a-game-1587115620/1#**](https://practice.geeksforgeeks.org/problems/optimal-strategy-for-a-game-1587115620/1#)

**Code:**[**https://practice.geeksforgeeks.org/viewSol.php?subId=89a4a6d052bc18b4bb797a60e25320bc&pid=701421&user=alaymehta1**](https://practice.geeksforgeeks.org/viewSol.php?subId=89a4a6d052bc18b4bb797a60e25320bc&pid=701421&user=alaymehta1)