class Solution(object):

def divisorGame(self, N):

"""

:type N: int

:rtype: bool

"""

dp = [False for \_ in range(N+1)]

for i in range(2,N+1):

for j in range(1,i):

curN = i

if not curN%j:

dp[i] = dp[i] or (not dp[curN-j])

return dp[-1]