1) from itertools import combinations

class Solution:

def subsets(self, nums: List[int]) -> List[List[int]]:

l=[]

for i in range(len(nums)+1):

l+= [list(j) for j in combinations(nums, i)]

return l

2) class Solution:

def hammingDistance(self, x: int, y: int) -> int:

b1=bin(x^y).count('1')

return b1

3) class Solution:

def singleNumber(self, nums: List[int]) -> int:

s=set(nums)

for i in s:

if nums.count(i)==1:

return i