

PROBLEMS SUBMIT CODE MY SUBMISSIONS STATUS STANDINGS CUSTOM INVOCATION

D. Subsets

time limit per test: 2 seconds
memory limit per test: 256 megabytes
input: standard input
output: standard output

given an array of size n . print all subsets of this array sort ascending according to lexicographical order.

Input
the first line contains one integer n the size of array. ($1 \leq n \leq 18$).

The second line contains n numbers a_i ($1 \leq a_i \leq 10^9$).

Output
print all subsets of this array sort ascending according to lexicographical order.

Example

inputCopy

5
1 2 3 4 5

outputCopy

1
1 2
1 2 3
1 2 3 4
1 2 3 4 5
1 2 3 5
1 2 4
1 2 4 5
1 2 5
1 3
1 3 4
1 3 4 5
1 3 5
1 4
1 4 5
1 5
2
2 3
2 3 4
2 3 4 5
2 3 5
2 4
2 4 5
2 5
3
3 4
3 4 5
3 5
4
4 5
5

ICPC Assiut University Training - Standard - Juniors Phase 1

Public

Participant

→ Group Contests

- Standard #5 (Bits , bit-masking)
- Standard #4 (Binary search , two pointers)
- Standard #3 (set , sorting, compare function , map)
- Standard #2 (binary search , stack , queue, deque , priority queue)
- Standard #1 (Frequency , prefix sum , vector , pair ,struct)

Standard #5 (Bits , bit-masking .)

Finished

Practice

→ Virtual participation

Virtual contest is a way to take part in past contest, as close as possible to participation on time. It is supported only ICPC mode for virtual contests. If you've seen these problems, a virtual contest is not for you - solve these problems in the archive. If you just want to solve some problem from a contest, a virtual contest is not for you - solve this problem in the archive. Never use someone else's code, read the tutorials or communicate with other person during a virtual contest.

Start virtual contest

→ Submit?

Language: GNU G++20 11.2.0 (64 bit, w

Choose file: Choose File No file chosen

Submit

→ Last submissions

Submission	Time	Verdict
228213657	Oct/14/2023 22:05	Accepted
226794397	Oct/05/2023 23:30	Accepted
226794330	Oct/05/2023 23:29	Wrong answer on test 2