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Subset of a given Set whose elements sum is equal to given number

Problem

Submissions

Leaderboard

Discussions

Design and implement in Java to find a subset of a given set S = {SI, S2,....,Sn} of n positive integers whose SUM is equal to a given positive integer d. For example, if S = {1, 2, 5, 6, 8} and d= 9, there are two solutions {1,2,6} and {1,8}. Display a suitable message, if the given problem instance doesn't have a solution.

Input Format

712345678

Constraints

No Constraints

Output Format

The subset: 1 2 5 The subset: 1 3 4 The subset: 1 7 The subset: 2 6 The subset: 3 5

Sample Input 0

```
1 2 3 4 5 6 7
```

Sample Output 0

```
The subset:
1
2
The subset:
3
The subset:
The subset:
6
The subset:
3
5
```

Contest ends in 2 months

Submissions: 57 Max Score: 10 Difficulty: Medium

More

Run Code



<u>♣ Upload Code as File</u> Test against custom input

Submit Code

Testcase 0 🗸

Congratulations, you passed the sample test case.

Click the **Submit Code** button to run your code against all the test cases.

Input (stdin)

```
7
1 2 3 4 5 6 7
8
```

Your Output (stdout)

```
The subset:
2
5
The subset:
1
3
4
The subset:
1
7
The subset:
2
6
The subset:
3
5
```

Expected Output

```
The subset:
1
2
5
The subset:
1
3
4
The subset:
1
7
The subset:
2
6
The subset:
3
5
```

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