Review problem - 5

Statement

Assess your performance by solving these problems on your own!

There are 10 problems in a contest. You know that the score of each problem is either 1 or 100 points.

Chef came to know the total score of a participant and he is wondering how many problems were actually solved by that participant.

Given the total score P of the participant, determine the number of problems solved by the participant. Print -1 in case the score is invalid.

Input Format

- First line will contain T, number of test cases. Then the test cases follow.
- Each test case contains of a single line containing a single integer P - denoting the number of points scored by the participant.

Output Format

For each testcase, output the number of problems solved by the participant or -1 if the score is invalid.

Constraints

- $1 \leq T \leq 1000$
- $0 \leq P \leq 1000$

Sample 1:

Input	Output
5 103 0 6 142 1000	4 0 6 -1 10

Explanation:

Test Case 1: The participant has solved 4 problems out of which 3 problems are worth 1 point each while 1 problem is worth 100 points.

Test Case 2: Since participant's score is 0, he solved 0 problems.

Test Case 3: The participant has solved 6 problems out of which all the problems are worth 1 point.

Test Case 4: It is not possible to get a score of 142.

Test Case 5: The participant solved all the 10 problems and score of all the problems is 100.