**Question: 01**

Read an integer N and compute all its divisors.

**Input**

The input file contains an integer value.

**Output**

Write all positive divisors of N, one value per line.

**Sample Cases:**

|  |  |
| --- | --- |
| **Input** | **Outpur** |

|  |  |
| --- | --- |
| 6 | 1  2  3  6 |

|  |  |
| --- | --- |
| 10 | 1  2  5 |

|  |  |
| --- | --- |
| 20 | 1  2  4  5  10 |

**Question – 02**

Hasan went to the gym today. He decided to do XX sets of squats (A squat is a strength exercise in which the trainee lowers their hips from a standing position and then stands back up.). Each set consists of 1515 squats.

Determine the total number of squats that he did today.

**Input Format**

1. The first line contains a single integer TT — the number of test cases. Then the test cases follow.
2. The first and only line of each test case contains an integer XX — the total number of sets of squats that Hasan did.

**Output Form**

For each test case, output the total number of squats done by Hasan.

|  |  |
| --- | --- |
| Input | Output |
| 3  1  4  99 | 15  60  1485 |

**Explanation**:

**Test Case 1**: Since, he does only 11 set of squats, the total number of squats done by him is 1515.

**Test Case 2**: Since, he does 44 sets of squats, the total number of squats is 15 + 15 + 15 + 15 = 6015+15+15+15=60.

**Problem - 03**

Hasan and Mahmud participated in a coding contest, as a result of which they received **NN chocolates**. Now they want to divide the chocolates between them equally.

Can you help them by deciding if it is possible for them to divide all the NN chocolates in such a way that they each get an equal number of chocolates?

You cannot break a chocolate in two or more pieces.

**Input Format**

* The first line of input will contain a single integer TT, denoting the number of test cases.
* The first and only line of each test case contains a single integer NN — the number of chocolates they received.

**Output Format**

For each test case output the answer on a new line — "Yes" (without quotes) if they can divide chocolates between them equally, and "No" (without quotes) otherwise.

Each letter of the output may be printed in either uppercase or lowercase, i.e, "Yes", "YES", and "yEs" will all be treated as equivalent.

|  |  |
| --- | --- |
| Input | Output |
| 4  10  4  3  2 | Yes  Yes  No  Yes |

**Explanation**:

**Test case 1**: They can divide 1010 chocolates such that both of them get 55 chocolates each.

**Test case 2**: They can divide 44 chocolates such that both of them get 22 chocolates each.

**Test case 3**: There is no way to divide 33 chocolates so that they get equal number of chocolates.

**Test case 4**: They can divide 22 chocolates such that both of them get 11 chocolate each.