# Finding Square Roots

*In olden days finding square roots seemed to be difficult but nowadays it can be easily done using in-built functions available across many languages* .

Assume that you happen to hear the above words and you want to give a try in finding the square root of any given integer using in-built functions. So here's your chance.

### Input

The first line of the input contains an integer T, the number of test cases. T lines follow. Each T contains an integer N whose square root needs to be computed.

### Output

For each line of input output the square root of the input integer.

### Constraints

1<=T<=20  
1<=N<=10000

**Input:**310510000**Output:**32100

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| --- |
| import os  import math      n = int(input())    for x in range(n):  ab = float(input())    num = (math.sqrt(ab))    print(int(num)) |

# Sum OR Difference

All submissions for this problem are available.Write a program to take two numbers as input and print their difference if the first number is greater than the second number otherwise*otherwise* print their sum.

### Input:

* First line will contain the first number (N1*N1*)
* Second line will contain the second number (N2*N2*)

### Output:

Output a single line containing the difference of 2 numbers (N1−N2)*(N1−N2)* if the first number is greater than the second number otherwise output their sum (N1+N2)*(N1+N2)*.

### Constraints

* −1000≤N1≤1000*−1000≤N1≤1000*
* −1000≤N2≤1000*−1000≤N2≤1000*

### Sample Input:

8228

### Sample Output:

54

|  |
| --- |
| import sys    s = (sys.stdin.readline())  t = (sys.stdin.readline())    x = int(s)  y = int(t)      if(x > y):  print(x - y)  else:  print(x + y) |

# Chef and SnackDown