**Count Squares**

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Given a sample space S consisting of all perfect squares starting from 1, 4, 9 and so on. You are given a number N, you have to print the number of integers less than N in the sample space S.

**Input :**  
The first line contains an integer T, denoting the number of test cases.Then T test cases follow. The first line of each test case contains an integer N, denoting the number.

**Output :**  
Print the answer of each test case in a new line.

**Constraints :**  
1<=T<=100  
1<=N<=10^18

**Example  
Input :**  
2  
9  
3  
  
**Output :**  
2  
1

\*\*For More Examples Use Expected Output\*\*

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\*/

package javaapplication244;

import java.io.BufferedReader;

import java.io.IOException;

import java.io.InputStreamReader;

/\*\*

\*

\* @author Administrador

\*/

public class JavaApplication244 {

/\*\*

\* @param args the command line arguments

\*/

public static void main(String[] args) throws IOException {

// TODO code application logic here

BufferedReader br = new BufferedReader(new InputStreamReader(System.in));

int t = Integer.parseInt(br.readLine());

while(t-- > 0) {

int n = Integer.parseInt(br.readLine());

int pot =0, i;

for( i =1; i\*i < n ; i++) {

}

System.out.println(i-1);

}

}

}