Given a year, return the century it is in. The first century spans from the year 1 up to and including the year 100, the second - from the year 101 up to and including the year 200, etc.

**Example**

* For year = 1905, the output should be  
  centuryFromYear(year) = 20;
* For year = 1700, the output should be  
  centuryFromYear(year) = 17.

**Input/Output**

* **[time limit] 3000ms (java)**
* **[input] integer year**

A positive integer, designating the year.

*Guaranteed constraints:*  
1 ≤ year ≤ 2005.

* **[output] integer**

The number of the century the year is in.