```
/* SELF ASSESSMENT
   1. Did I use appropriate CONSTANTS instead of numbers within the code?
      Mark out of 5: 5
      Comment: I used constants for all unchanging values.
   2. Did I use easy-to-understand, meaningful CONSTANT names?
      Mark out of 5: 5
      Comment: All constant names make sense.
   3. Did I format the CONSTANT names properly (in UPPERCASE)?
      Mark out of 5: 5
      Comment: All names were in UPPERCASE.
   4. Did I use easy-to-understand meaningful variable names?
      Mark out of 10: 10
      Comment: All variable names are meaningful and make sense in the context of the question.
   5. Did I format the variable names properly (in lowerCamelCase)?
      Mark out of 10: 10
      Comment: All variable names are in lowerCaseCamel.
   6. Did I indent the code appropriately?
      Mark out of 10: 10
      Comment: All code indented appropriately.
   7. Did I use an appropriate for loop to test all possibilities? There should be only one.
      Mark out of 20: 20
      Comment: I used a for loop and it tested all possibilities and they, re was only one answer.
   8. Did I correctly check if people alive today were or could be alive in a year that is the square of their age in that year.
      Mark out of 30: 30
       Comment: I checked this possibility and made sure the answer represented this.
   9. How well did I complete this self-assessment?
      Mark out of 5: 5
      Comment: The self-assessment was completed to an appropriate level.
  Total Mark out of 100 (Add all the previous marks):
public class SquareAges {
        public static final int CURRENT_YEAR = 2018;
        public static final int MAX AGE = 123;
        public static void main(String[] args) {
                for(int age = 0; age < MAX_AGE; age++)</pre>
                        int year = age * age;
                        int maxRemainingYearsAlive = (MAX AGE - age);
                        int oldestPossibleYear = year + maxRemainingYearsAlive;
                        int currentAge = age - (year - CURRENT YEAR);
                        if ((oldestPossibleYear >= CURRENT_YEAR) && (year - age <= CURRENT_YEAR)) {</pre>
                                System.out.println("Someone of age " + currentAge + " during the year"
                                                + " " + CURRENT YEAR + " and lived when the square of "
                                                + "the year was equal to the age as, " + "they"
                                                + " were " + age+ " during"
                                                + " the year " + year + "");
                      }
              }
        }
```