```
/*
 *      A program which calculates the average of numbers in an array.
 */

class Average {
        public static void main (String[] args) {
                double sum = 0, average = 0;
                double[] numbers = ArrayUtils.getArray();
                for (int i = 0; i < numbers.length; i++)
                        sum += numbers[i];
                average = (sum / numbers.length);
                System.out.println("Average : " + average);
        }
}


/*
 *      Variable Description :
 *      ---------------------------------------------------------------------------------
 *      Serial no. |    Variable name    |     Data type       |        Purpose
 *      ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
 *         1       |    sum              |      double         |  Stores the sum of the
 *                 |                     |                     |  numbers entered
 *      -----------+-------------------+---------------------+------------------------
 *         2       |    average          |      double         |  Stores the average of
 *                 |                     |                     |  the numbers entered
 *      -----------+-------------------+---------------------+------------------------
 *         3       |    numbers          |      double[]       |  Store the numbers
 *                 |                     |                     |  entered
 *      -----------+-------------------+---------------------+------------------------
 *         4       |    i                |      int            |  Counter variable
 *      ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
 */
```