**Exercise**

Write the java code to ask the user for 7 ages which should be stored in an array and the mean age should be output to screen.

Test Data

|  |  |
| --- | --- |
| **Ages** |  |
| 23 |  |
| 25 |  |
| 21 |  |
| 45 |  |
| 19 |  |
| 18 |  |
| 59 |  |
| **30** | <= Mean Age |

**Java Source Code**

**import** java.util.Scanner;

**public** **class** ArrayMeanAge {

 **public** **static** **void** main(String[] args) {

 // Ray O'Connor

 Scanner in=**new** Scanner(System.***in***);

 **int**[] AgesArray=**new** **int**[7];

 **int** TotalAges = 0;

 **for**(**int** counter=0;counter<7;counter++) {

 System.***out***.println("Enter age " + (counter+1));

 AgesArray[counter]=in.nextInt();

 TotalAges += AgesArray[counter];

 } // for loop

 System.***out***.println("Ages Total = " + TotalAges);

 System.***out***.println("Mean age " + (TotalAges/7));

 in.close();

 } //main method

} // class**Output**

