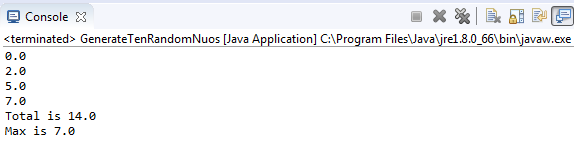
**Exercise**

Write java source code which generates stores and outputs 10 random numbers.

**Output**



**Source Code**

**import** java.util.\*;

**public** **class** GenerateTenRandomNuos {

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

// **TODO** Auto-generated method stub

**double**[] arrNumbers = {2.1, 2.5, 5.05, 7.25};

// Print all the array elements

**for** (**int** i = 0; i < arrNumbers.length; i++) {

Random RandNum = **new** Random();

**int** GenNum = RandNum.nextInt(10); // generates random num 0 to 10

arrNumbers[i]=GenNum;

System.***out***.println(arrNumbers[i] + " ");

}

// Summing all elements

**double** total = 0;

**for** (**int** i = 0; i < arrNumbers.length; i++) {

total += arrNumbers[i];

}

System.***out***.println("Total is " + total);

// Finding the largest element

**double** max = arrNumbers[0];

**for** (**int** i = 1; i < arrNumbers.length; i++) {

**if** (arrNumbers[i] > max) max = arrNumbers[i];

}

System.***out***.println("Max is " + max);

}

}