Processing Two-Dimensional Arrays

Write separate methods for each of the following processes:

1. Getting the number of columns and arrows from the user

2. Initializing the array with integer random values between 0 and 100.

3. Printing the array

4. Summing all elements

5. Summing all elements by column

6. Which row has the largest sum

7. Finding the smallest index of the largest element

Write a test program to test all your methods. Here is the sample run:

```
Output - Exercise-5 (run)  ✕
   run:
   Enter the number of rows:
   3
   Enter the number of columns:
   3
   The array will be as follows
   62 31 43
   44 85 10
   27 16 39

   Sum of all elements is 357
   Sum for column 0 is 133
   Sum for column 1 is 132
   Sum for column 2 is 92
   row 1 has the maximum sum of 139
   smallest index of the largest element is on row 1 and column 1
   BUILD SUCCESSFUL (total time: 3 seconds)
```