



## Peer Instruction 6 Java Arrays

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Which of the following correctly declares, allocates, and initializes an array?

- A. `int iArray[5] = {1, 2, 3, 4, 5};`
- B. `short sArray[4] = new short[4];`
- C. `char cArray = {'a', 'b', 'c', 'd'};`
- D. `double dArray[] = new double {11.1, 22.2, 33.3};`
- E. `String sArray[] = {"Java ", "Fortran", "C++"};`

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Which of the following correctly prints out the fourth element of *iArray*?

- A. `System.out.println(iArray + 4);`
- B. `System.out.println(iArray[4]);`
- C. `System.out.println([4]iArray);`
- D. `System.out.println(iArray(4));`
- E. None of the above

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- D. `System.out.println(iArray(4));`
- E. None of the above

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Which of the following correctly increments all the elements of *iArray*?

- A. `for (int i=0; i < iArray.length(); i++) iArray[i]++;`
- B. `for (int i=1; i <= iArray.length; i++) iArray[i]++;`
- C. `for (int i=0; i < iArray.length; i++) iArray[i++]++;`
- D. `iArray[0..iArray.length]++;`
- E. `iArray++;`

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Which of the following correctly increments all the elements of *iArray*?

- A. `for (int i=0; i < iArray.length(); i++) iArray[i]++;`
- B. `for (int i=1; i <= iArray.length; i++) iArray[i]++;`
- C. `for (int i=0; i < iArray.length; iArray[i]++) iArray[i]++;`
- D. `iArray[0..iArray.length]++;`
- E. `iArray++;`

Wrong! Wrong!



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Question 6



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