



Peer Instruction 6

Java Arrays





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++"};`

Survey Discontinued



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Question - 1





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++"};`

Survey Discontinued



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Question - 2





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

Array Access



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Question -3





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**

Array Access



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Question -4





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++;`

Array/Loops



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Question -5





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++;`

Answer: C



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Question 6


