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Period 2

AP Computer Science

12-7-18

Checkpoint Questions 7.1 - 7.8

7.1)

1. int [ ] employeeNumbers = new int[100];
2. double [ ] payRates = new double[25];
3. float [ ] miles = new float[14];
4. char [ ] letters = new char[1000];

7.2)

1. This array declaration will not work because the array declaration cannot be negative.

1. This array declaration will not work because the array declaration cannot be in decimal form.

7.3) 0 through 3 would be valid.

7.4) An array’s size declarator is the number of values and array can hold, while the subscript is a specific element in an array.

7.5) If a subscript is out-of-bounds, then it is outside the range of valid subscripts for the array.

7.6) When the program executes, it will throw an exception and terminate.

7.7)

The output of the following code is:

1

2

3

4

5

7.8)

double [ ] array = {1.7, 6.4, 8.9, 3.1, 9.2};

//There are 5 elements in this array.