**Computer Programming**



NAME: Adv Programming DATE: Feb 23 – Feb 27, 2015

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| **DAY** | **OBJECTIVE** | **ACTIVITIES** | **STRATEGIES** | **RESOURCES** |
| MONDAYAdv Programming | 130.277. C.8 The student codes a computer application. The student is expected to: (A) apply programming language concepts; (C) articulate the concept of data representationStudents will be able to design a software application plan* Sort Array elements using the bubble sort algorithm
* differentiate between a one-dimensional and two-dimensional arrays
 | **Do Now**Explain the differences between the followingint[] sales=new int[5];int[][] sales=new int[3][5];**Direct Instruction**Two-dimensional arraytwodimensionalArray.java**Independent Practice** * Complete Chapter 9 ex 2
* exercise 3

**Re-teach/Wrap-up/Homework** Review concepts learned | Guided PracticeIndependent PracticeHands OnPeer TutoringSmall Group Teamwork | HandoutsPowerPointOnline Textbook |
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| WEDNESDAYAdv Programming | 130.277. C.8 The student codes a computer application. The student is expected to: (A) apply programming language concepts; (C) articulate the concept of data representationStudents will be able to design a software application plan* Sort Array elements using the bubble sort algorithm
* differentiate between a one-dimensional and two-dimensional arrays
 | **Do Now**What would be the answer of an fees.length for an array with double[][] fees={{3.0, 4.0, 5.0},{6.0,7.0,8.0}}**Direct Instruction(cont’d)**Two-dimensional arraytwodimensionalArray.java**Independent Practice (cont’d)*** exercise 3

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| FRIDAYAdv Programming | 130.277. C.8 The student codes a computer application. The student is expected to: (A) apply programming language concepts; (C) articulate the concept of data representationStudents will be able to design a software application plan* differentiate between a one-dimensional and two-dimensional arrays
* ragged array
 | **Do Now**What are the benefits of using a two-dimensional array vs. a one-dimensional array**Direct Instruction**MenuSearach.java**Independent Practice** * Exercise 4

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