|  |  |  |
| --- | --- | --- |
| *Teacher:* M. Montero | *Subject Area:* Computer Programming II | *Room No.:* C218 |
| *Lesson Title:* Java: Chapter 7 Characters, Strings, and the StringBuilder |
| *Lesson Date:* Jan 22, 2015  | *Meeting Time/Period:* 4nd, 6th, 8th  | *Grade Levels:* 10-12 |
| *Materials/Resources:*Notebook, Computer, Internet, Flash-drive, PowerPoint, texas1.compuscholar.com |
| *What is the lesson objective?*Students will be able to …* Convert String Objects to Numbers
* Use the StringBuilder and StringBuffer classes.
 |
| *Standards addressed and expectations of students:*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 representation;*Anticipatory Set:* What is the difference between an ‘empty’ String and a ‘null’ String? |
| *Teaching/Instructional Process:** Independent Practice
* Facilitator
* Mini-quiz
 |
| *Guided Practice and Monitoring:*converting String Objects to Numbersexamples of StringBuilder and StringBuffer classes |
| *Independent Practice:*texas1.compuscholar Ch 5 Ls 2 quiz Exercise 7 – 1 “Baby Name Combination” (6th Period)Exercise 7- 2 “ Count Spaces”(6th Period)texas1.compuscholar Ch 5 Ls 3 Exercise 7-6 “ Alphabetize.java”, “Alphabetize2.java”***Extension Activity:***Create a Personal Dictionary with new words***Review/Reteach:***Review concepts learned *Closure:* Exit Ticket summary |