

CMSC 255 Test 2 Review

Here are the concepts you will need to know on Test 2:

- Strings
 - Define string object (or any object) vs primitive data type
 - Define string object
 - Initialize string object
- Methods
 - Passing arguments
 - Passing arrays vs data types in a method – what happens
 - Constructors for a method
 - Return Values
 - How do you document a method with comments?
- Arrays
 - Define
 - Initialize
 - Reference
 - Process with traditional FOR loop vs enhanced loop
 - Array methods (length)
 - What happens when you copy an array from one to another using
array1 = array2
- 2D Arrays
 - Define and initialize 2D array
 - Manipulate 2D arrays
- ArrayLists
 - Define and arraylist object
 - Initialize arraylist
 - Wrappers in ArrayLists
 - add(), get(), set(), remove(), size() methods
 - enhanced loop
- Files
 - Define an input file – 2 statements
 - Determine if there is another record (hasNext(), hasNextInt(), etc.)
 - Read an input file
 - Define an output file – 2 statements
 - Write to an output file
 - Close a file – what happens if you don't close a file?