

Assignment 5
(Full Score: 40 points)

(Due by 2/18/2011/Friday Midnight at Moodle)

Your name:	Score:
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Java Generic Classes and Methods

Download sample code “Assignment#05_sampleCode.zip” from Moodle and complete the following Java project:

Overload generic method **printArray** of Fig. 21.3 (see the slides file at course website and sample code at Moodle) so that it takes two additional integer arguments, *lowSubscript* and *highSubscript*. A call to this method prints only the designated portion of the array. **Validate** *lowSubscript* and *highSubscript*. If either is out of range, the overloaded **printArray** method should throw an *InvalidSubscriptException* (this class is provided); otherwise, **printArray** should return the number of elements printed. Then modify *main* to exercise **both versions** of **printArray** on arrays *integerArray*, *doubleArray* and *characterArray*. Test **all** capabilities of **both** versions of **printArray**.

Submission:

Submit your project (resource code only) in a **compressed file** to **Moodle** by **/18/2011/Friday -Midnight!**