# Programming Assignment 6

## (100 points)

## Due Date: 6:59 PM Wednesday, April 18, 2012

**Educational Goal**

Become familiar with various Array operations.

**Requirements**

* Create folder *hw6* under your *it114* folder.
* Make a program **EvenNumArray.java** that initializes an array with 10 numbers of 0, 2, 4, 6, 8, 10, 12, 14, 16, 18 and prints the content of the array. For example,
  + java EvenNumArray

evenNum[0]=0

evenNum[1]=2

evenNum[2]=4

evenNum[3]=6

evenNum[4]=8

evenNum[5]=10

evenNum[6]=12

evenNum[7]=14

evenNum[8]=16

evenNum[9]=18

* Define an integer array using a variable named as **evenNum**. The array must be initialized using a loop statement. 0 credits if a loop is not used for the operation. The array must be printed using a loop statement. 0 credits if a loop is not used to print the array values.
* Comments should explain how to compile and run the program and what the results are.
* Compile **EvenNumArray.java** and generate **EvenNumArray**.**class** under the same folder (/it114/hw6).
* Run **EvenNumArray**.**class** and produce results under your UNIX account.

**Submission Requirements**

1. The homework folder and homework files must be created under your Unix account **before** the submission deadline. **Zero points for late submission**.
2. Turn in the paper copy of **the source code (.java file)**, **outputs of the program**, **and the completed cover page (provide your name and UNIX ID in the cover page)** in class. **Paper copy should be bound firmly together as one pack (for example, staple, but not limited to, at the left corner). 5 points will be deducted for unbounded homework**.
3. No hard copies or soft copies results in 0 points.