

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.