**Java**

Assignment - Day 1

Concept: Java Fundamentals

Objective: At the end of the assignment, participants will be able to:

* Write simple java programs
* Use conditional and looping statements
* Use arrays and strings
* Use command line arguments

Guidelines:

* Follow the naming conventions
* Give appropriate comments

Problems:

1. Write a program to list all even numbers less than or equal to the number n. The value of n is given through command line as input to the program.
2. Create an array of integers by reading values from the user. Display the sum and average of the integers. Also, display the number of values less than the average.
3. Write a program that accepts two numbers and a operator like (+,-,\*, /) as command line arguments and perform the appropriate operation indicated by the operator.
4. Write a program that accepts a number in the range 1 to 50 from the Command Line. It then compares the number against a single dimension ***array*** of five integer elements ranging in value from 1 to 50. The program displays the message ***BINGO*** once the given input is found in the array.
5. A set of 5 words is given. Write a program to reverse each word and arrange the resulting words in alphabetical order.

**Version History:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Version No** | **Author** | **Date Created** | **Reviewed by** |
| 1.0 |  | 24/06/2016 |  |