**Java Assessment Test**

1. Create class named ThreadedSum which extends Thread class. Now write logic for calculating sum of first 5 numbers inside this class. Now create another class named Addition which contains main method. Now create three objects of ThreadedSum class and start the threads. Now print the sum of all the three threads i.e. Sum = Sum calculated by Thread1, Thread2, Thread3 in the main method.
2. Write a program to verify if parenthesis are balanced in a given string given by user through console window. Each open parenthesis should have a corresponding close parenthesis and they should correspond correctly.

For example, the function should return true for following strings

Ex: (cubic (it (technologies), consulting))

The function should return false for the following strings

Ex: :- ) ()) (

1. Write a java program to reverse the elements in an array.
2. Two strings and are called anagrams if they consist same characters, but may be in different orders. So the list of anagrams of CAT is CAT, ACT, TCA, TAC, CTA .Given two strings, print Anagrams if they are anagrams, print Not Anagrams if they are not. The strings may consist at most 50 English characters; the comparison should NOT be case sensitive.

This exercise will verify that you can sort the characters of a string, or compare frequencies of character. Write a java program to achieve the above functionality.

**Sample Input 0**

anagram

margana

**Sample Output 0**

Anagrams

**Sample Input 1**

anagramm

marganaa

**Sample Output 1:**

Not Anagrams