**Sample Application – Arrays and Methods**

package sampleapplication3;

public class SampleApplication3

{

public static void main(String[] args)

{

// TODO code application logic here

int[] myList = {1, 9, 4, 3,5};

// Print all the array elements

System.out.println("Before Reverse of array");

**printArray(myList);**

**myList=reverse(myList);**

System.out.println("After Reverse of array");

**printArray(myList);**

// Summing all elements

int total = 0;

for (int i = 0; i < myList.length; i++)

{ total += myList[i]; }

System.out.println("Total is " + total);

int a = 11;

int b = 6;

**int c = minFunction(a, b);**

System.out.println("Minimum Value = " + c);

} //end of main()

**public static int minFunction(int n1, int n2)**

**{**

**int min;**

**if (n1 > n2)**

**min = n2;**

**else**

**min = n1;**

**return min;**

**}**

**public static void printArray(int[] array)**

**{**

**for (int i = 0; i < array.length; i++)**

**{ System.out.println(array[i] + " "); }**

**}**

**public static int[] reverse(int[] list)**

**{**

**int[] result = new int[list.length];**

**for (int i = 0, j = result.length - 1; i < list.length; i++, j--)**

**{ result[j] = list[i]; }**

**return result;**

**}**

}