

Programming I Assignment 2

1. You are required to write a Java program which takes in numbers from the user and stores them in an array of type double. The program should then print the sum and contents of the array to the screen.

The program is to begin by asking the user the array size prior to creating an array of the given size. A for loop should be used to populate the array, taking each number from the user. A second for loop is to be used to sum and display the array contents.

2. Write a program that replies either *Leap Year* or *Not a Leap Year* when given a year. It is a leap year if the year is divisible by 4 but not by 100 (i.e. 1796 is a leap year because it is divisible by 4 but not by 100). A year that is divisible by both 4 and 100 is a leap year if it is also divisible by 400 (i.e. 2000 is a leap year but 1800 is not).