**Due Date: Monday 20 February 2017** 

Write an application that allows the user to input monthly rainfall amounts for one year storing the values in an array. Create a second array that holds the name of the month. Produce a report showing the month's name along with the rainfall amount and its variance from the mean. Calculate and display the average rainfall per year.

What is the lowest and highest recorded rainfall?

Use an InputForm to get monthly rainfall amounts (first array) and use compile-time initialization for the second array. The two arrays are parallel. InputForm Enter rainfall amount for the month: Enter MainForm Process Rainfall Exit Figure 1.2 InputForm MainForm Process Rainfall Exit Output Montly Rainfall (ml) Rainfall Variance Figure 1.1 MainForm Month January 120 13 117 February 250 March *80* 53 April 84 49 May 98 35 June 115 18 108 25 Julv August 20 September 230 97 October 154 21 November 220 87 December 118 15 Average Annual Rainfall: 133 Lowest Rainfall recorded is : 20 Highest Rainfall recorded is : 250

Figure 1.3 MainForm (Output)