1. Implement a Java program to create a class called as "**Number**" with a data member called limit. A class called as "**Compute**" inherits this class and has a method called "**secLargest**" to display the second largest of an array of numbers. The limit for the array should be used from the "**Number**" class.

2. Implement a Java program to read a number in a file called "**input.txt**". Read that number from the file and display Fibonacci series up to that limit in another file called "**output.txt**".

3. Implement a Java program to generate the layout given below. When the user enters numbers in the text fields labelled Number1 and Number2 and clicks on the button labelled Calculate the larger of the two numbers must be displayed in the text field labelled Result.