**Lab Assignment 2**

1. [Write a program in java to enter marks of five subjects from console and calculate total, average and percentage.](http://www.codeforwin.in/2015/05/c-program-to-calculate-total-average-percentage-of-five-subjects.html)
2. Write a program in java to compute area of triangle using Heron’s Formula. (Use import java.lang.Math; for square root. (Math.sqrt()))
3. [Write a program to check whether the entered character is vowel or not.](http://www.codeforwin.in/2015/05/c-program-to-calculate-compound-interest.html)
4. Write a program in java to add all the digits of a three digit number. ( for example, suppose the number is 342 then the output will be 3+4+2=9)
5. Print the prime numbers between any given range of integers.
6. Print Fibonacci series up to n number of terms. Also print the sum of those terms.
7. Print the following pattern

1

1 2

1 2 3

1 2 3 4

1 2 3 4 5

1 2 3 4 5 6

1 2 3 4 5 6 7

1 2 3 4 5 6

1 2 3 4 5

1 2 3 4

1 2 3

1 2

1

1. Write a java program to perform matrix addition. (Assume that, the matrix size is 3×3)