**Assignment 5c:**

1. Write a program in Java to find the sum of the given series :  
(a) 1 + 4 + 9 + ...... + 400

(b) 1 + (1/2) + (1/3) + ...... + (1/20)

(c) 1 + (1/3) + (1/5) + ...... + (1/19)

(d) (1/2) + (2/3) + (3/4) + ...... + (19/20)

(e) 2 - 4 + 6 - 8 + ...... – 20

(f) (1\*2) + (2\*3) + ...... + (19\*20)

(g) ½ + ¼ + 1/8 + 1/16 + ……………..upto nth term (n is user input)

(h) 1 + (1\*2) + (1\*2\*3) + …………………+ (1\*2\*3\*4\*……\*n) (n is user input)

2. Write a C program to display the fibonacci series upto 10th term.

Fibonacci series is: 0, 1, 1, 2, 3, ………………….

T1 = 0

T2 = 1

Tn=Tn-1 + Tn-2