B.E. (CSE)   V SEMESTER
CS6501   - Internet Programming
Date: 01.08.2017 & 08.08.2017

Tutorial Problems - Unit – I

1. Create class called Person with name, address, mobileno and email. Create a class called AccountHolder with account number, typeofaccount (can be SB or CA), amount, interest. Create classes called SBI, ICCI and Axis with the data members, namely, int_rate_SB (to describe interest rate for SB account) and int_rate_CA (to describe interest rate for CA account). Write appropriate methods to read and display the data members. Define and declare methods appropriately to calculate the interest for the amount deposited and store it in the interest data member. Write a program in Java to implement runtime polymorphism.

2. Create a thread to print characters from 'a' to 'j' using Thread class and Runnable interface

3. Create two threads that accesses one dimensional array that maintains 10 to 100. Thread1 updates the array by incrementing by 10 and Thread2 updates the array by incrementing by -2.

4. Write a program to implement Producer – Consumer for producing and accessing an integer value. Create a class Q to keep the integer value to simulate the contents of Q. Further, keep a Boolean variable to indicate that whether the value has been consumed or produced. Simulate Producer – Consumer problem by creating the two threads by using synchronized method, wait() and notify() methods.

5. Write a program in java Applet to print "Hello World".

6. Write a program in java Applet to draw a rectangle filled with red color with a text centered in it.

7. Write a program in java Applet for bouncing the ball.