**Lab Assignment-3 Submission date: 19/04/2019**

1. (a) WAP to show working of different functions of String and StringBuffer class like setCharAt(), setLength(), append(), insert(), concat()and equals().

(b) WAP to reverse a String object and print the same.

(c) WAP to sort an array of strings using bubble sort.

1. Write a program to demonstrate priorities among multiple threads.
2. (a) WAP to create 3 threads using Runnable interface.

(b) WAP to create 4 threads using Thread class.

1. (a) Write a program that creates a Banner and then creates a thread to scroll the message in the banner from left to right across the applet’s window.

(b) Write a program that creates a Banner and then creates a thread to scroll the message in the banner from right to left across the applet’s window.

1. WAP to pass paramaters to applets.
2. Write a program to get the URL/location of code (i.e. java code) and document(i.e. html file).
3. Write a program to demonstrate different mouse handling events like mouseClicked(), mouseEntered(), mouseExited(), mousePressed, mouseReleased() and mouseDragged().
4. Write a program to demonstrate different keyboard handling events.
5. Write a program to generate a window without an applet window using main() function.