**Lab-15 (Socket Programming)**

Task 1: Implement server-side socket code using threads so that it can handle multiple clients simultaneously.

Task 2: Run the same URL parsing code shown in the class.

**Lab-16 (Regular Expressions)**

Task 1: Replace multiple spaces with single space everywhere in string.

Task 2: Validate file extensions and allow only .doc .txt .pdf .csv

Task 3: Validate date format.

Task 4: Finding duplicate words.

Task 5: Check certain number range.

Task 6: Validate ip address.

Task 7: Check phone number format.

**Lab-17 (Android Development)**

Task 1: Run simple “Hello World” activity.

Task 2: Use Logcat as shown in the class.

Task3: Use Firebase and connect with android app.

**Lab-18 (Web Development)**

Task 1: Run simple “Hello World” JSF Application.

Task 2: Run same JSF application in Wildfly Application server.