

TRIBHUVAN U NIVERSITY

VEDAS COLLEGE

**JAWALAKHEL, LALITPUR**

**NEPAL**

**LAB REPORT**

***Subject: Advanced Java Programming(CSC 409)***

Submitted By: Submitted To:

Name: **Sadik Ghimire** Department of BSc. CSIT

Roll No: **26207/77** (Harendra Raj Bista; Lecturer/Supervisor)

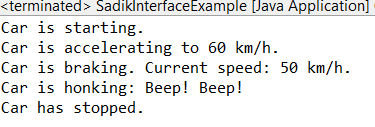
Faculty: **BSc.CSIT**

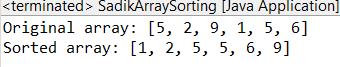
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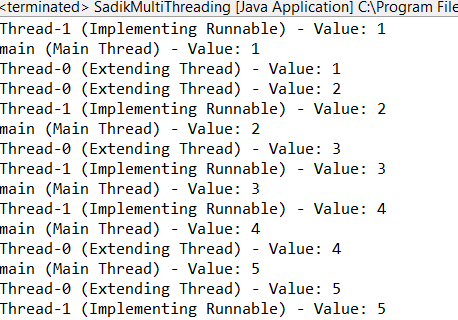
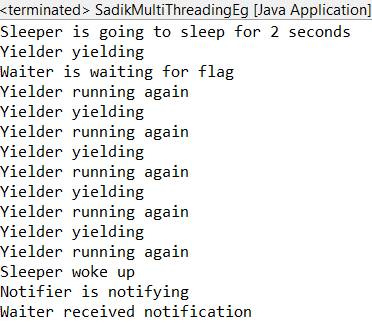
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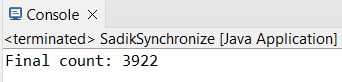
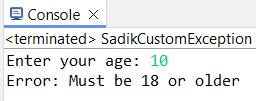
Advanced Java Programming (CSC 409)

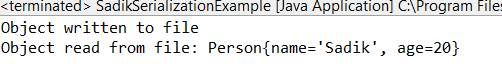
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| --- | --- | --- | --- |
| **Lab No.** | **Title** | **Submission Date** | **Signature** |
| 1. | Write a program to sort numbers using Array. |  |  |
| 2. | Write a program to implement interface |  |  |
| 3. | Write a program to implement Multithreading using two different approaches. |  |  |
| 4. | Write a program to implement sleep(), stop(), yield(), wait() and notify() in multithreading. |  |  |
| 5. | Write a program to implement synchronized method and synchronized block. |  |  |
| 6. | Write a program to create user defined exception and its use. |  |  |
| 7. | Write a program to write and read objects in and from file respectively using serializable interface. |  |  |
| 8. | Write a program to differentiate awt and swing framework with example. |  |  |
| 9. | Write a program to implement JFrame, JPanel, JLabel, JTextField, JTextPassword, JTextArea using event handling. |  |  |
| 10. | Write a program for JComboBox and JList. |  |  |
| 11. | Write a program for JTree and JTable. |  |  |
| 12 | Write a program to implement the JProgressBar with Event Handling. |  |  |
| 13 | Write a program to handle the ChangeEvents in JSliders. |  |  |
| 14 | Write a program to implement the Menus in swing. |  |  |
| 15 | Write a program to implement all kinds of Borders. |  |  |
| 16 | Write a program to handle KeyEvent using KeyListener interface. |  |  |
| 17 | Write a program to handle the Mouse events using MouseAdapter Class. |  |  |
| 18 | Write a program to handle focus Events using FocusListener interface. |  |  |
| 19 | Write a program to save the information Firstname, Lastname and ContactNumber in a database. |  |  |
| 20 | Write a program to update and delete the row data in database table using PreparedStatement. |  |  |
| 21 | Write a program to implement the additional properties of ResultSet. |  |  |
| 22 | Write a program for Transaction. |  |  |
| 23 | Write a client and server programs using TCP and UDP. |  |  |
| 24 | Write a JavaFX program to implement the all types of layouts/roots. |  |  |
| 25 | Write a JavaFX program to implement the menu. |  |  |
| 26 | Write a program to save cookies using Servlet and JSP. |  |  |
| 27 | Write a program to print “Hello Friends” twenty times using JSP. |  |  |
| 28 | Write a program to display the database table’s complete data (at least ten row data) in a html table using jsp. |  |  |
| 29 | Write a program to implement Session Handling in servlet and JSP. |  |  |
| 30 | Write a program to implement the concept of RMI(Remote Method Invocation) |  |  |



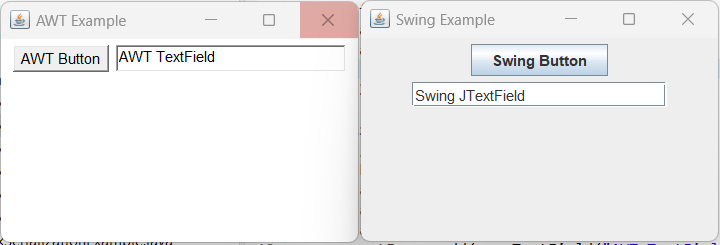


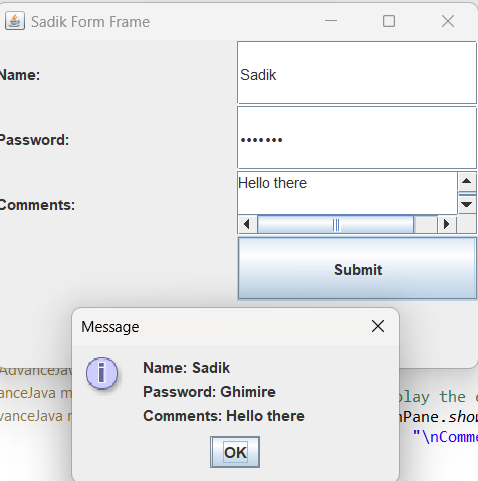
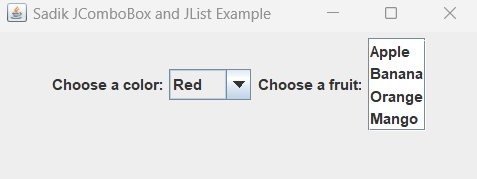
 



8.



Lab 2

