

WEB ENGINEERING

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LAB 06

JDBC and TCP

Note:

- Student collaboration is not allowed.
- Copying from or looking at solutions from other sources is strictly prohibited.
- Violations will not be excused and may result in an F in the course.
- Stay honest.

TASK # 1

Address Book GUI was created in last lab. Modify that GUI by adding 3 buttons in it Save, Search and Delete button. Handle all the events/ actions in that GUI.

1. **Save Button:** that takes the data from the text-fields and insert the record in db table AddressBook.
2. **Search Button:** that takes name initial as input and fill the related fields by extracting data from db who have that initial.
3. **Delete Button:** that takes name as input parameter and deletes the records from db.
4. **Update Button:** that takes data from the text-fields and update the record in db.

GUI is shown :



The image shows a graphical user interface window titled "Address Book". It features four text input fields for "Name", "Address", "Phone", and "Email". Below these fields are three buttons: "Save", "Delete", and "Update". At the bottom, there are three buttons: "<<", "Search", and ">>". The window has a standard title bar with minimize, maximize, and close buttons.

Name	<input type="text"/>	
Address	<input type="text"/>	
Phone	<input type="text"/>	
Email	<input type="text"/>	
Save	Delete	Update
<<	Search	>>

TASK # 2

Write a program to demonstrate client/server communication using TCP/IP.