

<b>MRU</b>	<b>Department of Computer Science &amp; Technology, MRU, Faridabad</b>		
	<b>Lab Assignment 4:</b>	Swings and Event Handling	
<b>Subject: Advance Java Workshop</b>			<b>Subject Code: CSW308B</b>
			<b>Semester: V</b>

## Objectives

- To implement event handling in Java
- To validate the fields of a form
- To implement Advanced Swing

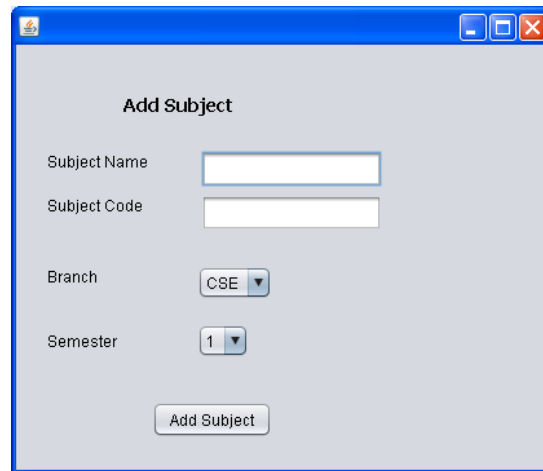
## CO1, CO2

- In the form given below perform the following validations on Login Button Click.
  - Every Field should be filled
  - The password should be at least 8 characters long and must contain one digit.
  - The Login should be successful only if User Name is "Student", Password is "Student1" and Category is "Student" else the login should be unsuccessful.

- In the form given below perform the following validations on Register Button Click.
  - Every Field should be filled.
  - Age should be numeric
  - Contact Number should contain only digits
  - Email Should be validated

If the validations given above are meeting then display "Registration Successful"

3. In the form given below on the click of the Add subject Button, the every detail filled by user should be displayed in a message Box and every field should be filled.



A Java Swing window titled "Add Subject" with a light gray background and a blue border. It contains four input fields: "Subject Name" (a text box), "Subject Code" (a text box), "Branch" (a dropdown menu with "CSE" selected), and "Semester" (a dropdown menu with "1" selected). At the bottom center is a button labeled "Add Subject".

4. Create a JTable that displays the details (Name, Code, Branch, and Semester) of five subjects.
5. Create a Tree that displays the tree given below.

