



SDM College of Engineering and Technology, Dharwad-580002
Department of Computer Science and Engineering

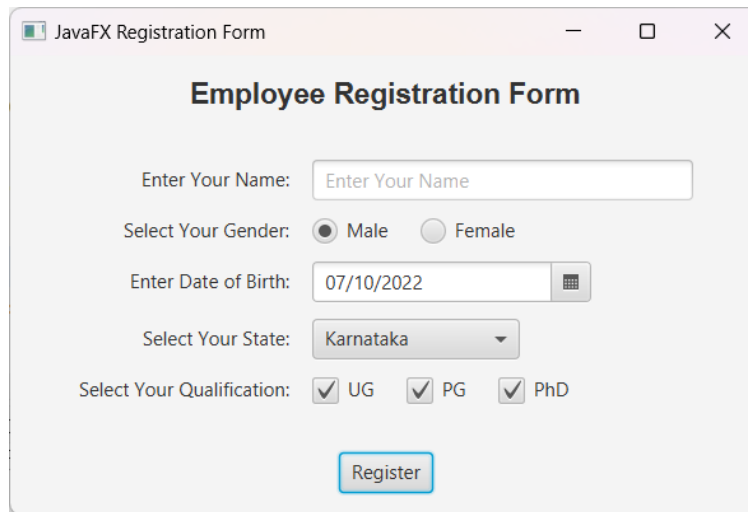
Course Code / Title:	18UCSE508 / Advanced Object-Oriented Programming
Semester & Division:	5 th sem A & B divisions
Academic Year:	2022 – 2023 [Duration: September-2022 to January-2023]
Course Teacher:	Prof. Govind Negalur and Prof. Indira Umarji

AOOP ASSIGNMENT-2

- Q1.** Write a Java program to build the GUI application using JavaFX for the following requirements:
- a) Read user name and password using appropriate JavaFX controls.
 - b) Validate the input. If user name and password are matched with the assumed values, then display the welcome scene with proper text.
 - c) If user name and password don't match, then raise appropriate exception.
- Q2.** Write a Java program to build the GUI application using JavaFX for the following requirements:
- a) Create a Menu control to display the menu items: File, Edit & Help.
 - b) Create sub menus in the order: File → New, Open & Save. Edit → Cut, Copy & Paste. Help → Help Centre, About Us
- The program must use Mnemonics and Accelerators (wherever appropriate) to Menu Items.
- Q3.** Write a Java program to build the GUI application using JavaFX for the following requirements:
- a) Create Context menu involving the menu items in the order: New & View.
 - b) Create sub menus for the above main context menu: New → File, Folder & Image. View → Large, Medium & Small.

The context menu must be displayed on right-click of the mouse button.

- Q4.** Write a JavaFX program that produces the following output when executed and displays Dialog Box (as shown in Figure.2) on click of Register button (as shown in Figure.1):



The image shows a JavaFX window titled "JavaFX Registration Form". Inside the window, there is a form titled "Employee Registration Form". The form contains the following fields and controls:

- "Enter Your Name:" followed by a text input field containing "Enter Your Name".
- "Select Your Gender:" followed by two radio buttons, "Male" (selected) and "Female".
- "Enter Date of Birth:" followed by a date input field containing "07/10/2022" and a calendar icon.
- "Select Your State:" followed by a dropdown menu showing "Karnataka".
- "Select Your Qualification:" followed by three checked checkboxes: "UG", "PG", and "PhD".
- A "Register" button at the bottom.

Figure.1

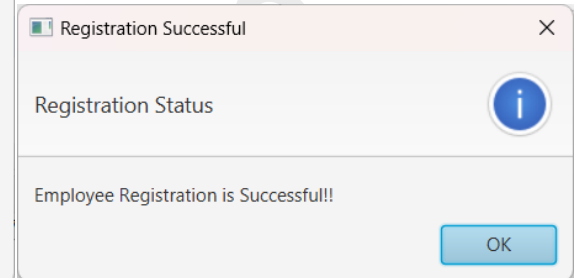


Figure. 2