Object Oriented Programming using JAVA

Ist SEMESTER

ACADEMIC YEAR 2023 (Aug-Dec)



SCHOOL OF COMPUTING SCIENCE & ENGINEERING

VIT BHOPAL UNIVERSITY

**Activity 1**

**Lab Assignment:** Analyzing Java Swing Application

**Objective:**

The objective of this lab assignment is to analyze a given Java Swing application, provided in the form of a RAR file, containing the compiled class file named "SwingApplication.class." Your task is to run the application, observe its behavior, and document various aspects of the application's structure and functionality.

**Instructions:**

1. You will be provided with a RAR file containing the compiled Java Swing application named "SwingApplication.class."
2. Extract the contents of the RAR file and run the application.
3. Document the following aspects of the application:
4. Identify and list all the Swing classes used in the application.
5. Identify and list the graphical components (Swing controls) present in the application.
6. Analyze the event handling mechanisms implemented in the application.
7. Write a report explaining your findings. Include details about the identified Swing classes, the purpose of each graphical component, and how event handling is managed in the application.
8. If there are any user interactions in the application, describe how these interactions are handled through event listeners.
9. Provide a brief summary of the overall functionality of the application based on your observations.

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