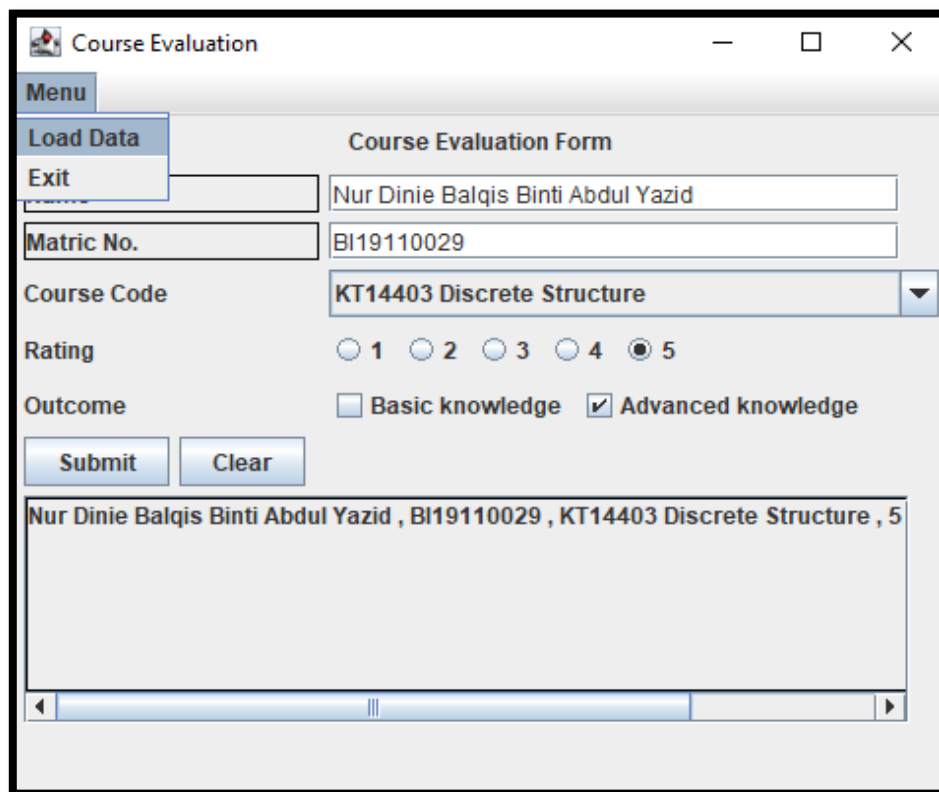
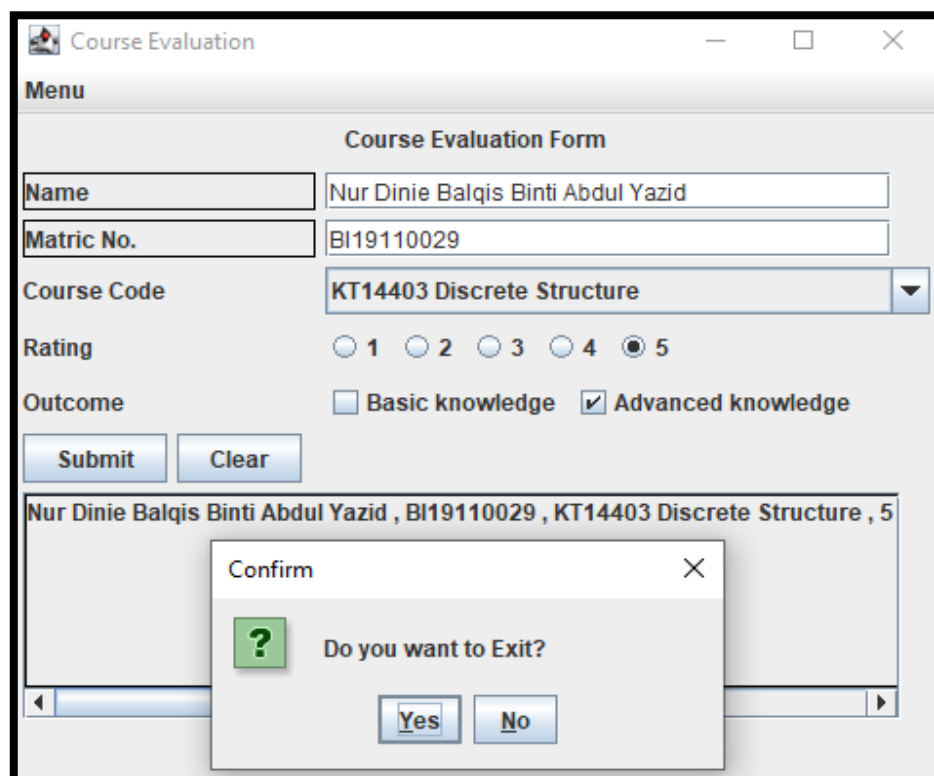


*REQUIREMENT 1:*



The screenshot shows a Java Swing window titled "Course Evaluation". It has a menu bar with "Menu", "Load Data", and "Exit". The "Load Data" menu item is selected. The main area is titled "Course Evaluation Form" and contains several input fields: "Name" (Nur Dinie Balqis Binti Abdul Yazid), "Matric No." (BI19110029), "Course Code" (KT14403 Discrete Structure), "Rating" (radio buttons 1-5, with 5 selected), and "Outcome" (checkboxes for "Basic knowledge" and "Advanced knowledge", with "Advanced knowledge" checked). Below these fields are "Submit" and "Clear" buttons. At the bottom is a text area displaying the loaded data: "Nur Dinie Balqis Binti Abdul Yazid , BI19110029 , KT14403 Discrete Structure , 5".

**Figure 1:** 'Load Data' to read from file and view in the output text area.



This screenshot shows the same "Course Evaluation" window as Figure 1, but with the "Exit" menu item selected. A "Confirm" dialog box is now open in the foreground, asking "Do you want to Exit?" with a green question mark icon and "Yes" and "No" buttons. The background form remains unchanged, showing the same user data and the "Load Data" menu option.

**Figure 2:** 'Exit' to show 'showConfirmDialog' and exit the application if user select 'Yes'.

*REQUIREMENT 2:*

The screenshot shows a window titled "Course Evaluation" with a "Menu" bar. Below the menu is the "Course Evaluation Form". The form contains several input fields: "Name", "Matric No.", and "Course Code" (a dropdown menu showing "[Select]"). There are five radio buttons for "Rating" labeled 1 through 5. Below the rating buttons are two buttons: "Submit" and "Clear". A "Message" dialog box is overlaid on the form, displaying an information icon and the text "Please fill the Evaluation." with an "OK" button. The "Outcome" field is partially visible on the right, showing "wledge".

**Figure 3:** Input validation from all input.

*REQUIREMENT 3:*

The screenshot shows the same "Course Evaluation" window. The "Name" field is filled with "Nur Dinie Balqis Binti Abdul Yazid", "Matric No." with "BI19110029", and "Course Code" with "KT14403 Discrete Structure". The "Rating" radio buttons show "5" as selected. The "Submit" button is highlighted. A "Message" dialog box is overlaid, displaying an information icon and the text "Data saved successfully" with an "OK" button. Below the form, the "Outcome" field is visible, showing "wledge". At the bottom of the window, there is a summary of the entered data: "Thank you for your Evaluation", "Name: Nur Dinie Balqis Binti Abdul Yazid", "Matric: BI19110029", "Course: KT14403 Discrete Structure", "Rating: 5", and "Outcome: Advanced knowledge".

**Figure 4:** Save data into text file with message notification.

*REQUIREMENT 4:*

```
//exception implementation
try {
    // to append to file, you need to initialize FileWriter using below constructor
    fr = new FileWriter(file, true);
    br = new BufferedWriter(fr);
    pr = new PrintWriter(br);
    pr.println(input);
} catch (IOException e) {
    l_output.setText(e.toString());
} finally {
    try {
        pr.close();
        br.close();
        fr.close();
    } catch (IOException e) {
        l_output.setText(e.toString());
    }
}
}
```

**Figure 5:** Exception implementation.