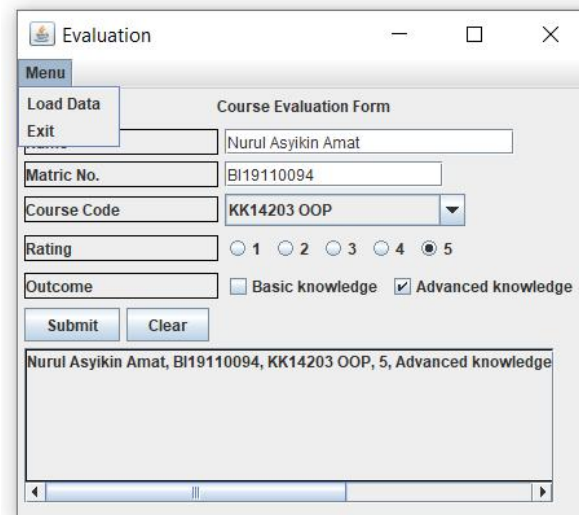


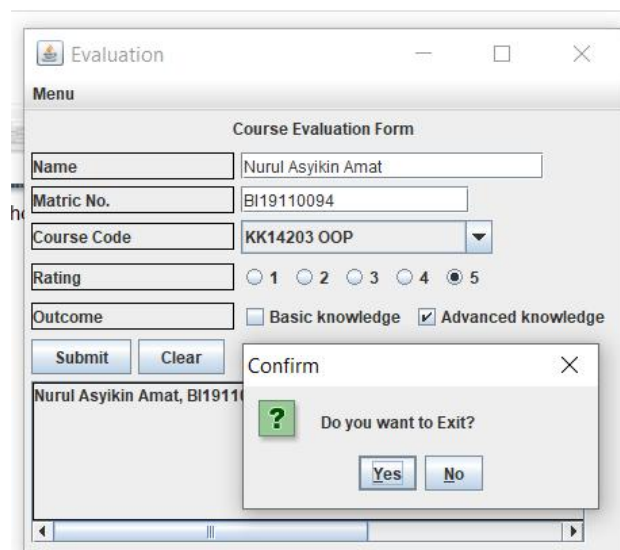
NAME : NURUL ASYIKIN BINTI AMAT

MATRIC NO : BI19110094



The screenshot shows a window titled "Evaluation" with a menu bar containing "Menu", "Load Data", and "Exit". The "Load Data" menu is open, showing a list of data. The "Course Evaluation Form" is displayed with the following fields: Name (Nurul Asyikin Amat), Matric No. (BI19110094), Course Code (KK14203 OOP), Rating (5), and Outcome (Basic knowledge, Advanced knowledge). The "Submit" and "Clear" buttons are visible. The output text area at the bottom displays the text: "Nurul Asyikin Amat, BI19110094, KK14203 OOP, 5, Advanced knowledge".

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



The screenshot shows the same "Evaluation" window as Figure 1, but with the "Exit" menu option selected. A "Confirm" dialog box is displayed in the foreground, asking "Do you want to Exit?" with "Yes" and "No" buttons. The dialog box also contains a green question mark icon. The "Course Evaluation Form" and output text area are still visible in the background.

Figure 2: 'Exit' to show message and exit the application if user select 'yes' in the dialog.

The screenshot shows a Java Swing window titled "Evaluation". Inside, there's a "Menu" bar and a "Course Evaluation Form". The form contains several input fields: "Name", "Matric No.", "Course Code" (a dropdown menu showing "[Select]"), "Rating" (radio buttons for 1, 2, 3, 4, 5), and "Outcome" (checkboxes for "Basic knowledge" and "Advanced knowledge"). Below these fields are "Submit" and "Clear" buttons. A "Message" dialog box is overlaid on the form, displaying an information icon and the text "You haven't filled everything." with an "OK" button.

Figure 3: Input validation from all input.

This screenshot shows the same "Evaluation" application window, but now the form is filled out. The "Name" field contains "Nurul Asyikin Amat", "Matric No." contains "BI19110094", "Course Code" is set to "KK14203 OOP", "Rating" has the "5" radio button selected, and "Outcome" has the "Advanced knowledge" checkbox checked. The "Submit" and "Clear" buttons are still present. A "Message" dialog box is overlaid, showing an information icon and the text "You have successfully save the data" with an "OK" button. Below the form, there's a text area that says "Thank you for your evaluation" and lists the submitted data: "Name: Nurul Asyikin Amat", "Matric: BI19110094", "Course: KK14203 OOP", and "Rating: 5".

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

```
//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) {
    lbl_output.setText(e.toString());
} finally {
    try {
        pr.close();
        br.close();
        fr.close();
    } catch (IOException e) {
        lbl_output.setText(e.toString());
    }
}
```

Figure 5: Exception Implementation