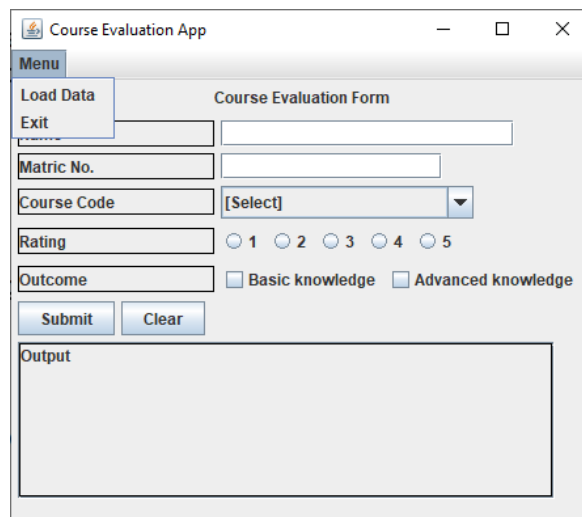


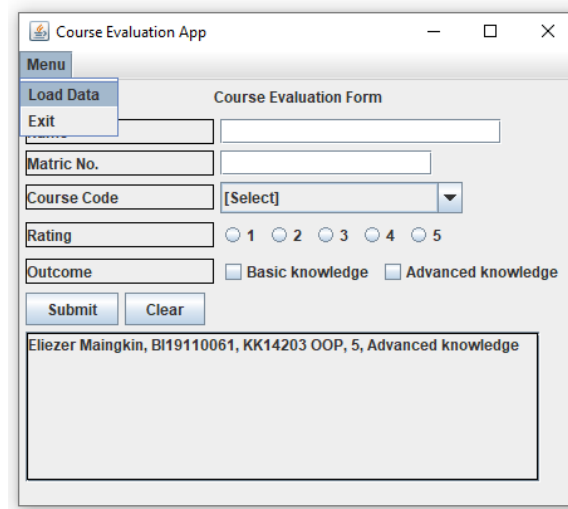
NAME: ELIEZER BINTI MAINGKIN

MATRIC NUMBER: BI19110061



The screenshot shows a Java Swing window titled "Course Evaluation App". It features a menu bar with "Menu", "Load Data", and "Exit". The "Load Data" menu item is currently selected. Below the menu bar is a "Course Evaluation Form" with several input fields: a text field for a name, a text field for "Matric No.", a dropdown menu for "Course Code" with "[Select]" as the current value, a "Rating" field with radio buttons for values 1 through 5, and an "Outcome" field with checkboxes for "Basic knowledge" and "Advanced knowledge". At the bottom of the form are "Submit" and "Clear" buttons. Below the form is a large "Output" text area, which is currently empty.

FIGURE 1: Menu Bar at the top with menu 'Load Data' and menu 'Exit'.



This screenshot shows the same "Course Evaluation App" window, but the "Load Data" menu item is now selected. The "Output" text area at the bottom now displays the text: "Eliezer Maingkin, BI19110061, KK14203 OOP, 5, Advanced knowledge". The form fields and buttons remain the same as in the previous screenshot.

FIGURE 2: Menu 'Load Data' read from 'evaluationform.txt' and view in the output text area.

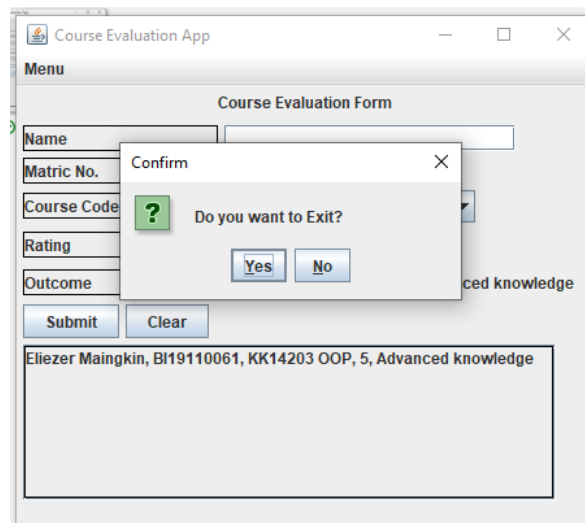


FIGURE 3: Menu 'Exit' confirm the user to quit the application if 'Yes' selected.

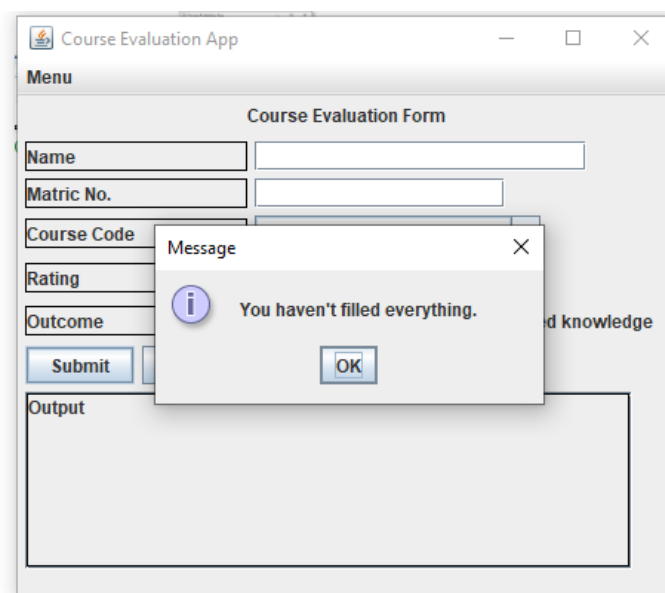


FIGURE 4: Input validation from all input to check if user empty field or selections when user click 'Submit' button.

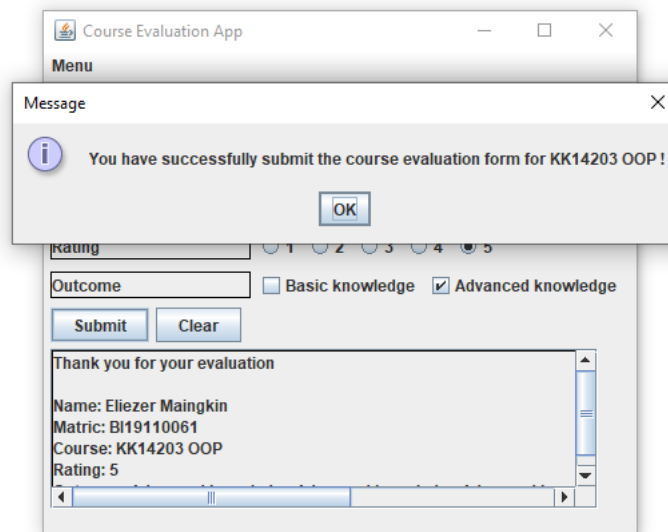


FIGURE 5: Save (add) the data into 'evaluationform.txt' with dialog notification which input is successfully saved.

```

230
231 //exception implementation
232 try {
233     // to append to file, you need to initialize FileWriter using below constructor
234     fr = new FileWriter(file, true);
235     br = new BufferedWriter(fr);
236     pr = new PrintWriter(br);
237     pr.println(input);
238 } catch (IOException e) {
239     outputlabel.setText(e.toString());
240 } finally {
241     try {
242         pr.close();
243         br.close();
244         fr.close();
245     } catch (IOException e) {
246         outputlabel.setText(e.toString());
247     }
248 }
249 }

```

FIGURE 6: Exception implementation.