**Experiment Report - 14 - test8\_charge**

1. **Summary Table of Errors Found**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Error ID | Line Number | Error Type | Self-Detected? | Peer 1 Found? | Peer 2 Found? |
| E01 | Line 34 | Syntax | √ | √ | × |
| E02 | Line 42 | Semantic | √ | × | × |
| E03 | Line 62 | Semantic | √ | × | √ |

Additional Errors Found by Self: 1

Self-Review Detection Rate: 100%

Peer 1 Detection Rate: 40%

Peer 2 Detection Rate: 40%

1. **Source Code**
2. import java.awt.\*;
3. import java.awt.event.ActionEvent;
4. import java.awt.event.ActionListener;
5. import java.io.\*;
6. import javax.swing.\*;
7. public class charge {
8. private String balance = "";
9. private String min;
10. private String max;
11. charge() {
12. // JFrameのインスタンスを作成
13. JFrame frame = new JFrame("charge");
14. // ウィンドウのサイズを指定
15. frame.setSize(new Dimension(500, 800));
16. // デフォルトの閉じる動作を設定
17. frame.setDefaultCloseOperation(JFrame.EXIT\_ON\_CLOSE);
18. //残高をbalance.csvファイルから読み込む
19. file f = new file();
20. try {
21. balance = f.readFile("balance.csv");
22. //System.out.println(balance);
23. } catch (IOException e) {
24. e.printStackTrace();
25. }
26. //チャージ履歴の閲覧
27. JButton btn1 = new JButton("View charging history.");
28. panel0.add();
29. panel0.add(Box.createVerticalStrut(500)); //ラベル間に空白を追加
30. //ページ移動
31. JPanel panel = new JPanel(new BorderLayout());
32. frame.add(panel, BorderLayout.SOUTH);
33. JPanel panel1 = new JPanel();
34. panel.add(panel1, BorderLayout.NORTH);
35. panel1.setLayout(new BoxLayout(panel1, BoxLayout.X\_AXIS));
36. JButton subPanel1 = new JButton();
37. subPanel1.add(new JLabel("wallet"));
38. Dimension buttonSize = new Dimension(106, 106);
39. subPanel1.setPreferredSize(buttonSize);
40. subPanel1.setMinimumSize(buttonSize);
41. subPanel1.setMaximumSize(buttonSize);
42. subPanel1.setSize(buttonSize);
43. subPanel1.setBackground(Color.WHITE);
44. panel1.add(subPanel1);
45. JButton subPanel2 = new JButton();
46. subPanel2.add(new JLabel("settlement"));
47. subPanel2.setPreferredSize(buttonSize);
48. subPanel2.setMinimumSize(buttonSize);
49. subPanel2.setMaximumSize(buttonSize);
50. subPanel2.setSize(buttonSize);
51. subPanel2.setBackground(Color.WHITE);
52. panel1.add(subPanel1);
53. JButton subPanel3 = new JButton();
54. subPanel3.add(new JLabel("charge"));
55. subPanel3.setPreferredSize(buttonSize);
56. subPanel3.setMinimumSize(buttonSize);
57. subPanel3.setMaximumSize(buttonSize);
58. subPanel3.setSize(buttonSize);
59. subPanel3.setBackground(Color.CYAN); // 背景色を青に設定
60. subPanel3.setForeground(Color.WHITE); // テキストの色を白に設定
61. panel1.add(subPanel3);
62. JButton subPanel4 = new JButton();
63. subPanel4.add(new JLabel("coupon"));
64. subPanel4.setPreferredSize(buttonSize);
65. subPanel4.setMinimumSize(buttonSize);
66. subPanel4.setMaximumSize(buttonSize);
67. subPanel4.setSize(buttonSize);
68. subPanel4.setBackground(Color.WHITE);
69. panel1.add(subPanel4);
70. // ウィンドウを表示
71. frame.setVisible(true);
72. }
73. public static void main(String[] args) {
74. new charge();
75. }
76. }