File: PR10.java

1. import java.awt.\*;
2. import java.awt.event.ActionEvent;
3. import java.awt.event.ActionListener;
4. import javax.swing.\*;
6. public class PR10 implements ActionListener {
7. JCheckBox checkBox;
8. JTable jTable;
9. JFrame jFrame;
10. String[][] data = { {"1907011","Pratyay Dhond"},{"1907025","Priyanshu Lapkale"},{"1907054", "Varad Nimbarte"},{"1907018", "Janhavi Itankar"}};
11. String[] column = {"Roll Number", "Name"};
12. JPanel panel;
14. PR10(){
15. jFrame = new JFrame("Practical No 10");
16. jFrame.setSize(750,500);
17. jFrame.setDefaultCloseOperation(WindowConstants.EXIT\_ON\_CLOSE);
18. jFrame.setLayout(new GridLayout(2,1,2,2));
19. JPanel jPanel = new JPanel();
20. jPanel.setLayout(new FlowLayout());
21. jFrame.add(jPanel);
23. JLabel label = new JLabel("Click here to show table data");
24. checkBox = new JCheckBox();
25. checkBox.addActionListener(this);
26. jPanel.add(checkBox);
27. jPanel.add(label);
29. jTable = new JTable(data,column);
30. jTable.setShowHorizontalLines(false);
31. jTable.setShowVerticalLines(false);
32. panel = new JPanel(new BorderLayout());
33. jFrame.add(panel);
34. jFrame.setVisible(true);
35. }
37. public static void main(String[] args) {
38. PR10 m = new PR10();
39. }
41. @Override
42. public void actionPerformed(ActionEvent e) {
43. String[][] emptyData = {{}};
44. String[] emptyColumn = {};
45. if(checkBox.isSelected()){
46. System.out.println("Checked");
47. jTable = new JTable(data,column);
49. panel.add(jTable,BorderLayout.CENTER);
50. }else{
51. panel.remove(jTable);
52. System.out.println("Unchecked");
53. jTable = null;
54. }
55. jFrame.validate();
56. jFrame.repaint();

59. }
60. }