

File: PR10.java

```
1. import java.awt.*;
2. import java.awt.event.ActionEvent;
3. import java.awt.event.ActionListener;
4. import javax.swing.*;
5.
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;
13.
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);
22.
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);
28.
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.    }
36.
37.    public static void main(String[] args) {
38.        PR10 m = new PR10();
39.    }
40.
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);
48.
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();
57.
58.
59.    }
60. }
```