machine condition checklist program

Developed By:

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Program :

```
//machine condition checklist program
//developed by balakrishnan.m
import java.awt.*;
import java.io.File;
import java.io.FileWriter;
import javax.swing.*;
import java.awt.event.*;
public class Machine_conditioncheck
{
   public
   Machine_conditioncheck() {  // collect the information from the empolye
      JFrame fr = new JFrame("Machine Condition");
      fr.setLayout(null);
      fr.setSize(600,500);
      fr.setResizable(false);
      fr.setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
      JLabel la = new JLabel("Your Name :");
      la.setBounds(10,10,100,20);
      JTextField jtff = new JTextField();
      jtff.setBounds(130,10,150,20);
      JLabel lao = new JLabel("ID Number :");
      lao.setBounds(10,30,90,20);
      JTextField jtfo = new JTextField();
      jtfo.setBounds(130,30,50,20);
      JLabel laoo = new JLabel("Shift :");
      laoo.setBounds(10,50,60,20);
      JTextField jtflaoo = new JTextField();
      jtflaoo.setBounds(130,50,60,20);
      JLabel lath = new JLabel(" MachinePressor :");//this is the parameter
      lath.setBounds(10,70,150,20);
      //First check box
      JCheckBox cbbgg = new JCheckBox();
      cbbgg.setBounds(130,95,20,20);
      JLabel jcbla = new JLabel("10 PSI");
      jcbla.setBounds(160,95,50,20);
      //Second checkbox
      JCheckBox jcblaat = new JCheckBox();
      jcblaat.setBounds(130,120,20,20);
      JLabel jcblaa = new JLabel("20 PSI");
      jcblaa.setBounds(160,120,50,20);
      //Third check box
      JCheckBox jcblas = new JCheckBox();
      jcblas.setBounds(130,140,20,20);
      JLabel jlass = new JLabel("30 PSI");
      jlass.setBounds(160,140,50,20);
      JLabel mv = new JLabel("MachineVoltage :");//Second parameter
      mv.setBounds(10,170,150,20);
      //first circul button
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```
        JRadioButton jrbmv = new JRadioButton();
        jrbmv.setBounds(130,190,20,20);
        JLabel mvla = new JLabel("1 V");
        mvla.setBounds(160,190,30,20);
        //second circul button
        JRadioButton jrbmvv = new JRadioButton();
        jrbmvv.setBounds(130,210,20,20);
        JLabel mvlav = new JLabel("2 V");
        mvlav.setBounds(160,210,30,20);
        JLabel mc = new JLabel("MachineProbleam :");//Third parameter
        mc.setBounds(10,230,150,20);
        JTextArea jtfmc = new JTextArea();
        jtfmc.setBounds(130,250,450,100);
        jtfmc.setBorder(BorderFactory.createLineBorder(Color.BLACK,1));
         //save button if you pressed
        JButton bu = new JButton("Save");
        bu.setBounds(400,430,80,20);
        bu.addActionListener(new ActionListener(){
           public void actionPerformed(ActionEvent ae){
              try{
                 File file = new File("/path/"+jtff.getText()+"_Signed"+".txt");///home/g/Desktop
                 boolean ch = file.exists();
                 if(ch == true)
                 {
                    JOptionPane.showMessageDialog(fr,"Machine Check list Signed\nContinue Your
Work");
                 }
                 else{
                    file.createNewFile();
                 }
                 boolean chs=file.exists();
                 if(chs==true){
                    FileWriter fw = new FileWriter(file);//write the user information.create the text file
                    fw.write("Name     :");
                    fw.write(jtff.getText()+"\n");
                    fw.write("ID Number:");
                    fw.write(jtfo.getText()+"\n");
                    fw.write("Shift    : ");
                    fw.write(jtflaoo.getText()+"\n"+"\n");
                    if(cbbgg.isSelected()){
                       fw.write("Measion pressor :"+"10 psi"+"\n"+"\n");
                    }
                    if(jcblaat.isSelected()){
                       fw.write("Machine Pressor :"+"20 PSI"+"\n"+"\n");
                    }
                    if(jcblas.isSelected()){
                       fw.write("Machine Pressor :"+"30 PSI"+"\n"+"\n");
                    }
                    fw.write("Machine Voltage :"+"\n");
                    if(jrbmv.isSelected()){
                       fw.write("1 V"+"\n"+"\n");
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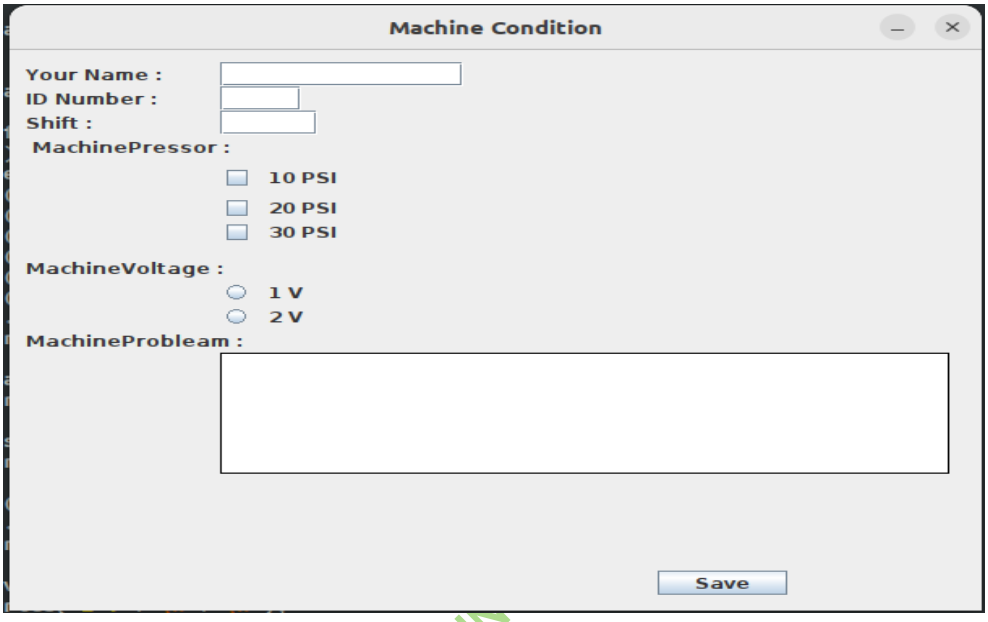
```
                }
                if(jrbmvv.isSelected()){
                   fw.write("2 V"+"\n"+"\n");
                }
                fw.write("Machine Probleam :"+"\n");
                fw.write(jtfmc.getText());
                fw.close();
                fr.dispose();
             }
          }
          catch (Exception e){
             JOptionPane.showMessageDialog(fr," error");
             e.printStackTrace();
          }
       }
    });

fr.add(bu);fr.add(mc);fr.add(jtfmc);fr.add(jrbmvv);fr.add(mvlav);fr.add(jrbmv);fr.add(mvla);fr.add(
mv);
fr.add(jcblas);fr.add(jlass);fr.add(jcblaat);fr.add(lath);fr.add(jcbla);fr.add(jcblaa);fr.add(cbbgg);fr.add
(laoo);
      fr.add(jtflaoo);fr.add(lath);fr.add(la);fr.add(jtff);fr.add(lao);fr.add(jtfo);
      fr.setVisible(true);
   }
   public static void main(String args[])
   {

      new Machine_conditioncheck();
   }
}
```

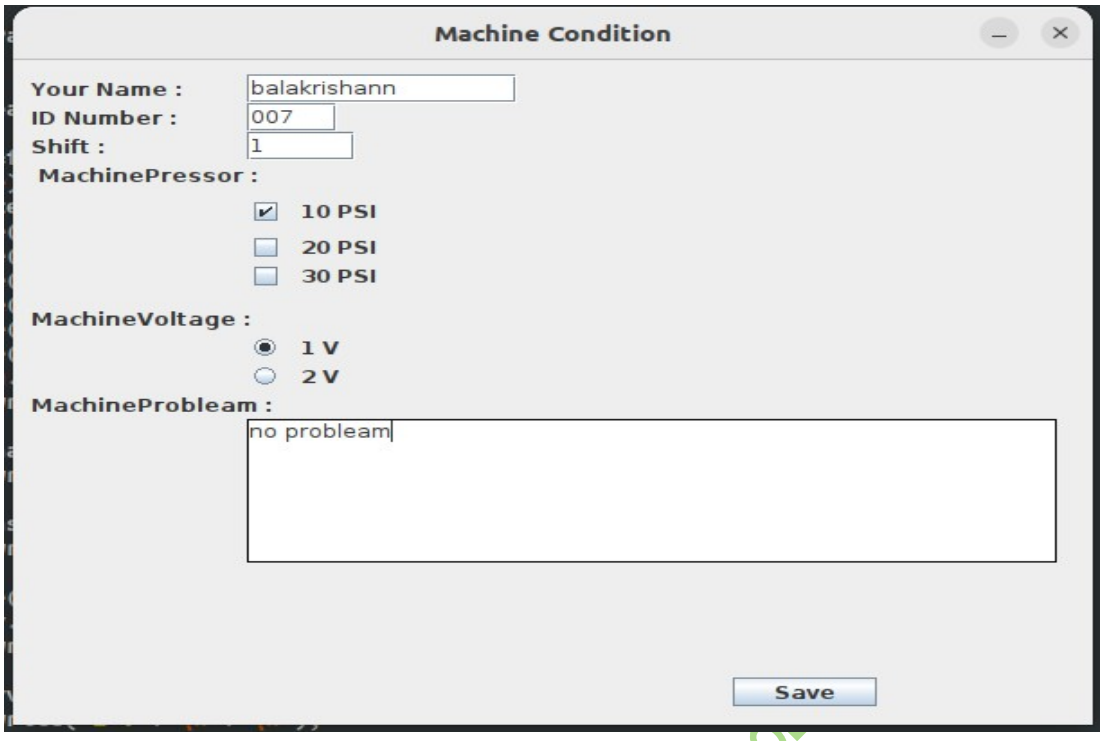
output :

This is the index of the Application.

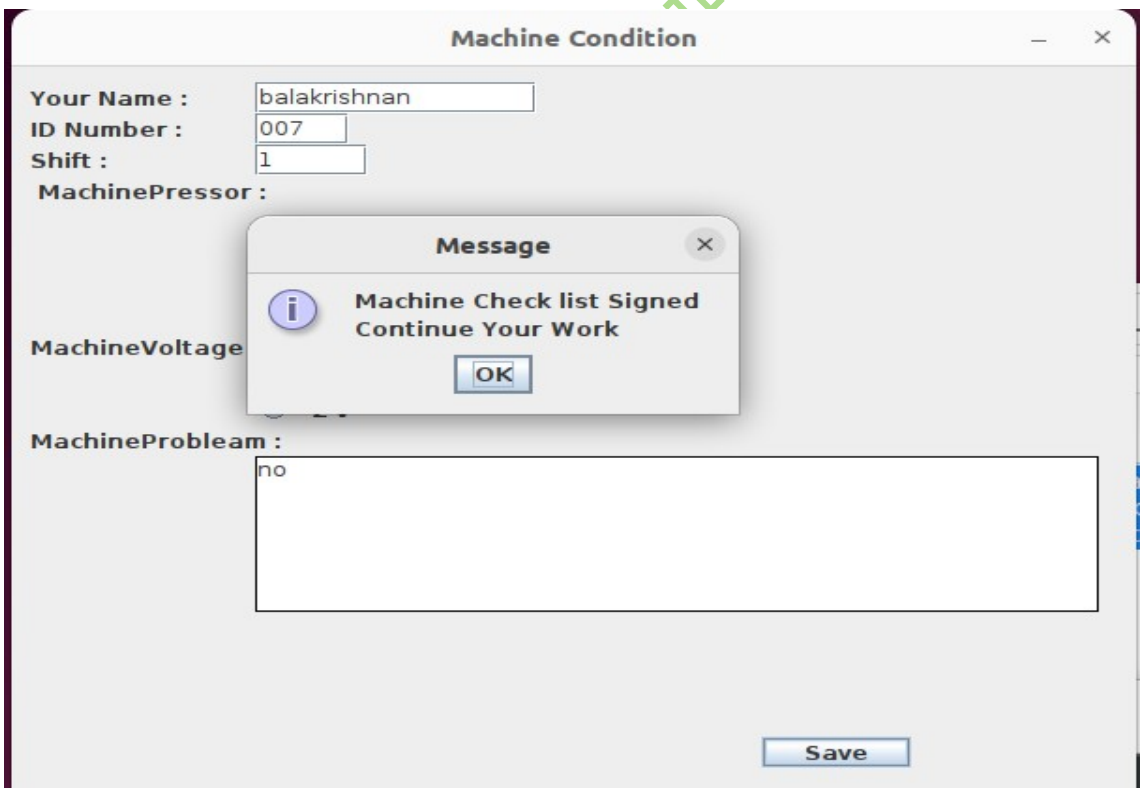


First Empoly Enter the data. The file saved the Desktop location of the (empolyname.txt).
Example:

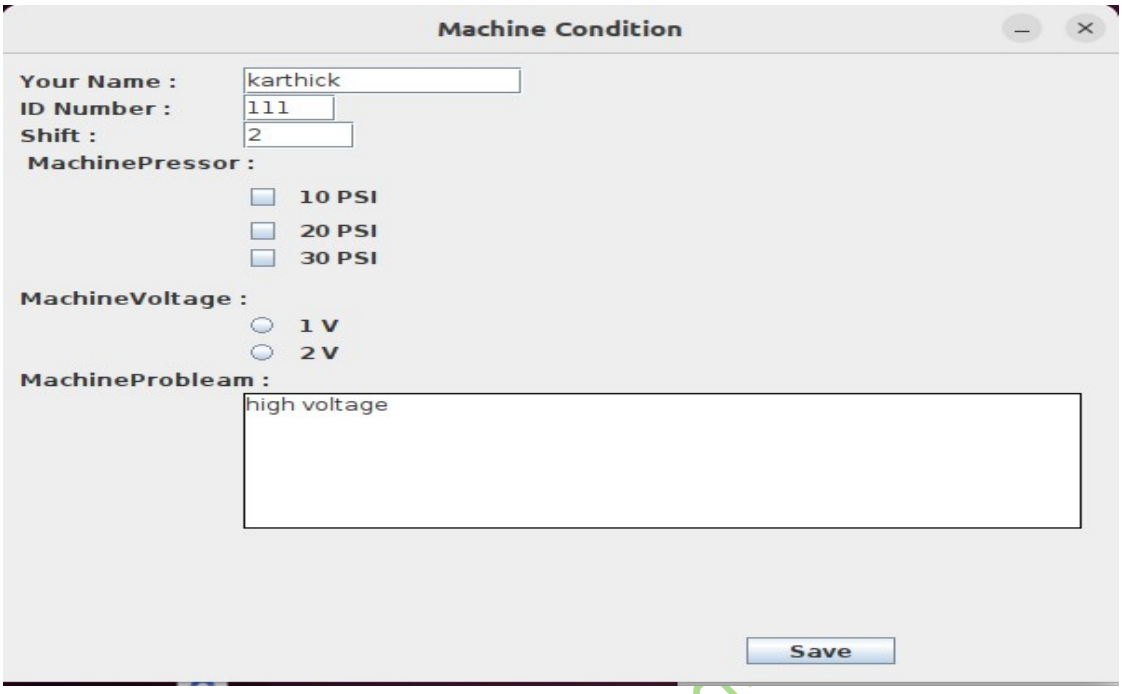
balakrishnan.txt



same empoly enter the data in second time the **error message** is throwing.



other empolyes enter the data it's stored the .txt file in the desktop.



// Text file OUTPUT.
Name :balakrishnan
ID Number:007
Shift : 1

Measion pressor :10 psi

Machine Voltage :
1 V

Machine Probleam :
no

Name : karthick
ID Number:111
Shift : 2

Machine Voltage :
Machine Probleam :
high voltage