

machine condition checklist program

Developed By:

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Program :

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//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 jcblla = new JLabel("10 PSI");
        jcblla.setBounds(160,95,50,20);
        //Second checkbox
        JCheckBox jcbllaat = new JCheckBox();
        jcbllaat.setBounds(130,120,20,20);
        JLabel jcbllaa = new JLabel("20 PSI");
        jcbllaa.setBounds(160,120,50,20);
        //Third check box
        JCheckBox jcbllas = new JCheckBox();
        jcbllas.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
        JRadioButton jrbrmv = new JRadioButton();
        jrbrmv.setBounds(130,190,20,20);
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JLabel mvla = new JLabel("1 V");
mvla.setBounds(160,190,30,20);
//second circul button
JRadioButton jrvmv = new JRadioButton();
jrvmv.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("/home/gg/Desktop/"+jtfmc.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(jtfmc.getText()+"\n");
                fw.write("ID Number:");
                fw.write(jtfo.getText()+"\n");
                fw.write("Shift   :");
                fw.write(jtflaoo.getText()+"\n"+"");
                if(cbbgg.isSelected()){
                    fw.write("Measion pressor :"+"10 psi"+"");
                }
                if(jcblaat.isSelected()){
                    fw.write("Machine Pressor :"+"20 PSI"+"");
                }
                if(jcblas.isSelected()){
                    fw.write("Machine Pressor :"+"30 PSI"+"");
                }
                fw.write("Machine Voltage :"+"");
                if(jrvmv.isSelected()){
                    fw.write("1 V"+"");
                }
                if(jrvmv.isSelected()){

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        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();
}
}
});

```

```

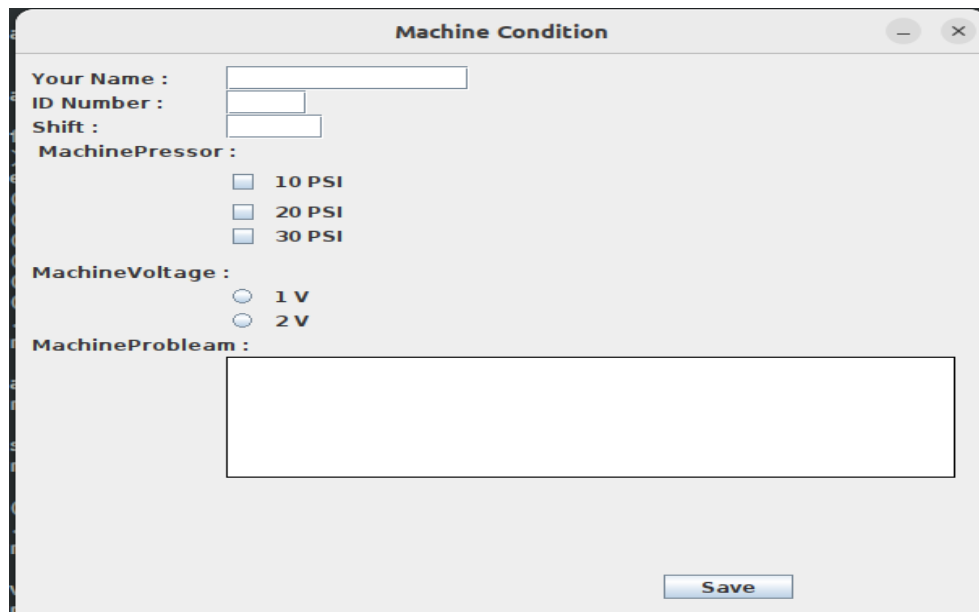
fr.add(bu);fr.add(mc);fr.add(jtfmc);fr.add(jrbmvv);fr.add(mvlav);fr.add(jrbmv);fr.add(mvla);fr.add(
mv);
fr.add(jcblas);fr.add(jlass);fr.add(jcblaat);fr.add(lath);fr.add(jcbla);fr.add(jcblaa);fr.add(cbbgg);fr.add
(laoo);
    fr.add(jtflaoo);fr.add(lath);fr.add(la);fr.add(jtff);fr.add(lao);fr.add(jtfo);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

    new Machine_conditioncheck();
}
}

```

output :

This is the index of the Application.

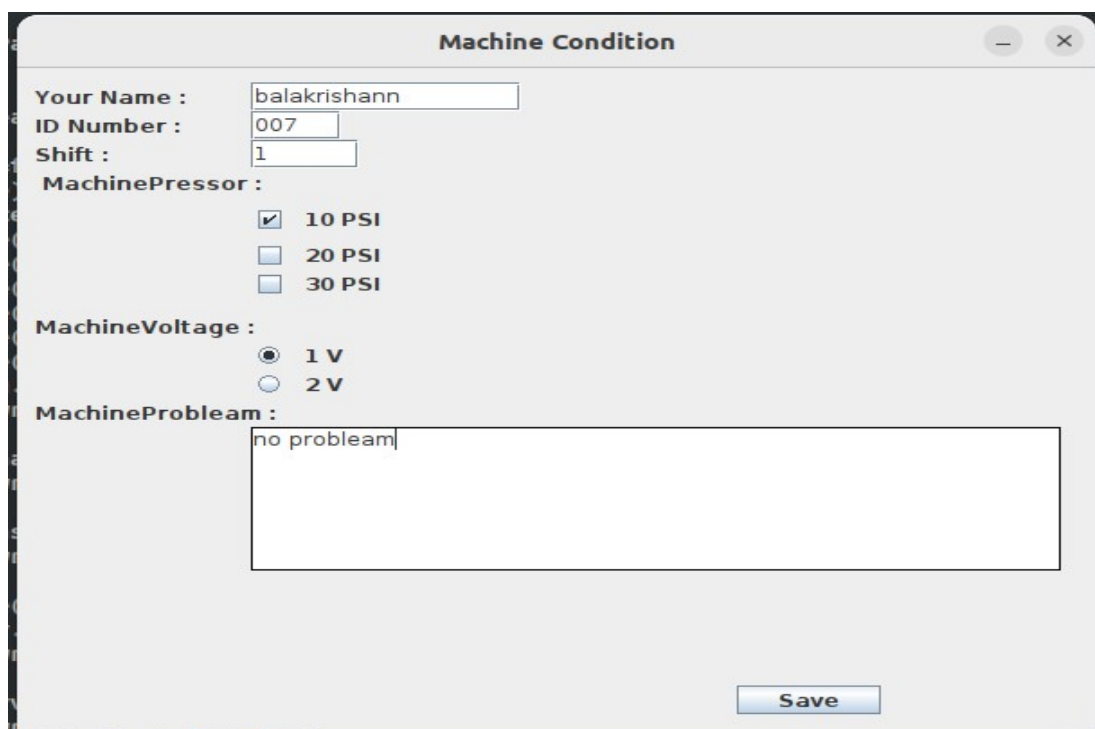


A screenshot of a Java Swing window titled "Machine Condition". The window has a light gray background and standard window controls (minimize, maximize, close) in the top right corner. The form contains the following fields and controls:

- Your Name :** A text input field.
- ID Number :** A text input field.
- Shift :** A text input field.
- MachinePressor :** Three checkboxes labeled "10 PSI", "20 PSI", and "30 PSI".
- MachineVoltage :** Two radio buttons labeled "1 V" and "2 V".
- MachineProblem :** A large text area for input.
- Save :** A button at the bottom right.

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

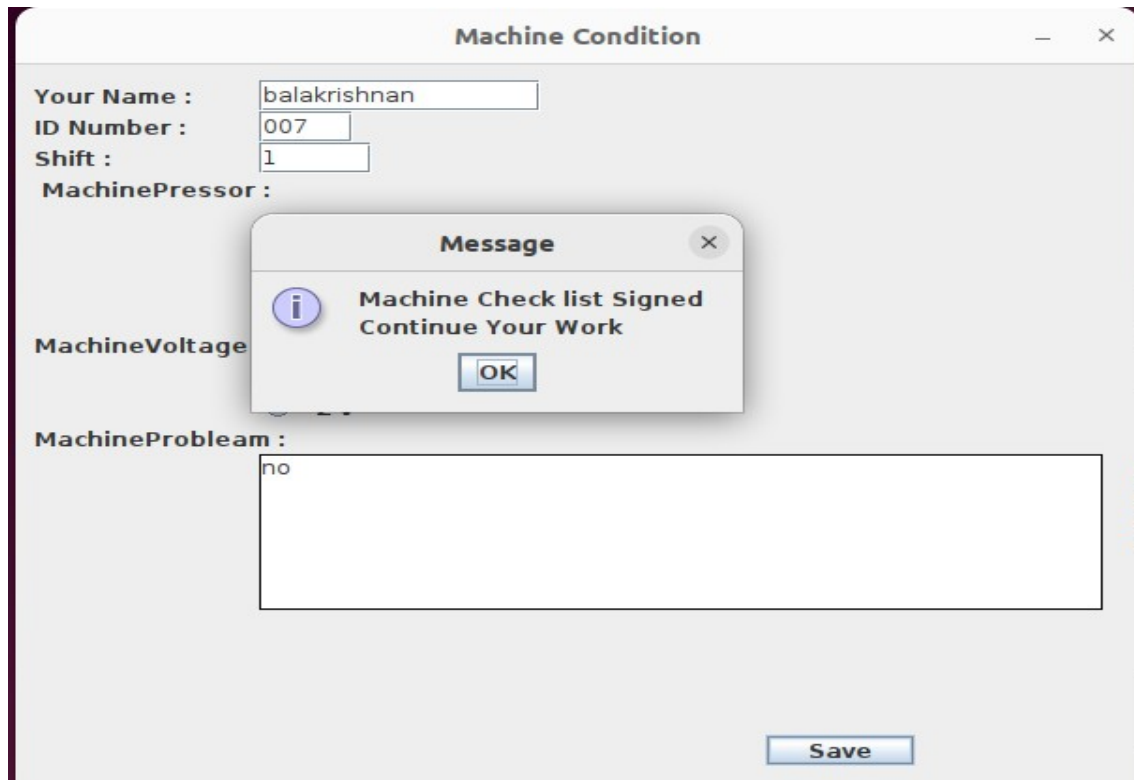
balakrishnan.txt



A screenshot of the same "Machine Condition" window, now filled with data. The fields and controls are as follows:

- Your Name :** balakrishann
- ID Number :** 007
- Shift :** 1
- MachinePressor :** The "10 PSI" checkbox is checked, while "20 PSI" and "30 PSI" are unchecked.
- MachineVoltage :** The "1 V" radio button is selected, while "2 V" is unselected.
- MachineProblem :** no problem
- Save :** A button at the bottom right.

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

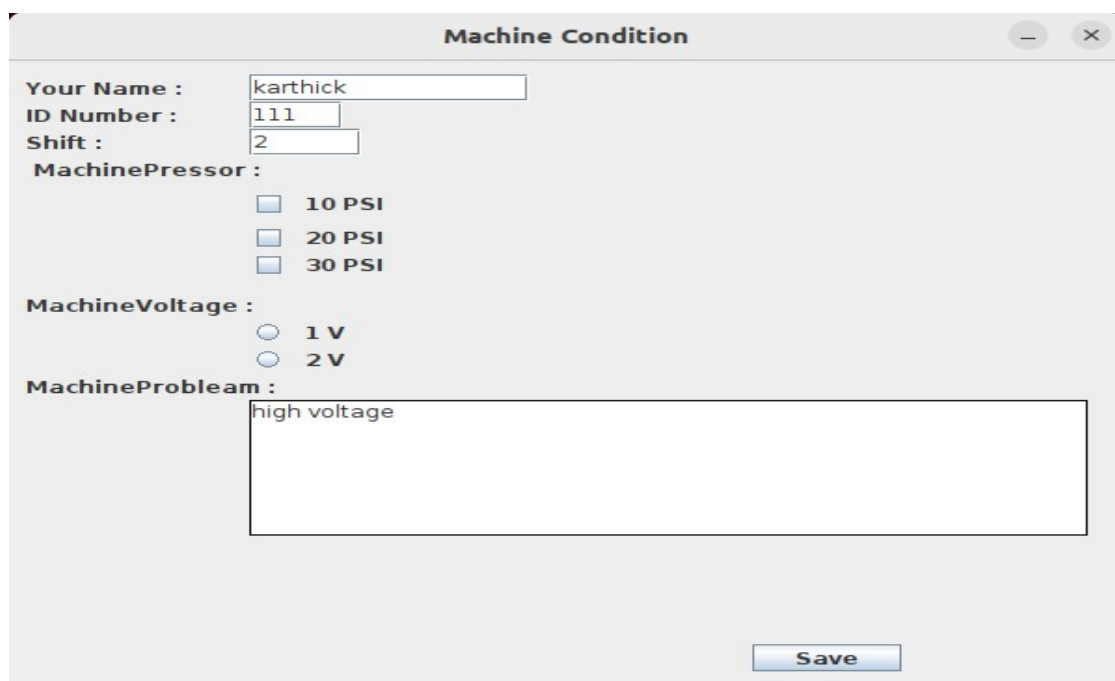


The screenshot shows a window titled "Machine Condition" with a light gray background. At the top right are standard window controls (minimize, maximize, close). The form contains the following fields and labels:

- Your Name :** A text box containing "balakrishnan".
- ID Number :** A text box containing "007".
- Shift :** A text box containing "1".
- MachinePressor :** A label with no input field visible.
- MachineVoltage :** A label with no input field visible.
- MachineProbleam :** A large text area containing the word "no".
- Save :** A button at the bottom right.

A modal dialog box titled "Message" is centered over the form. It has a close button (X) at the top right. Inside the dialog, there is an information icon (i) on the left and the text "Machine Check list Signed" followed by "Continue Your Work" on the right. At the bottom of the dialog is an "OK" button.

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



The screenshot shows the same "Machine Condition" window, but with different data entered. The fields and labels are:

- Your Name :** A text box containing "karthick".
- ID Number :** A text box containing "111".
- Shift :** A text box containing "2".
- MachinePressor :** A label followed by three checkboxes:
 - ☐ 10 PSI
 - ☐ 20 PSI
 - ☐ 30 PSI
- MachineVoltage :** A label followed by two radio buttons:
 - ☐ 1 V
 - ☐ 2 V
- MachineProbleam :** A large text area containing the text "high voltage".
- Save :** A button at the bottom right.