```java
/**
 * Q 1) Write a program to demonstrate Java Swing components such as
 * JPasswordField,
 * JCheckbox,
 * JTextField,
 * JList
 * JRadioButton.
 *
 */

import javax.swing.*;

public class javaSwing{

public static void main(String[] args) {

JFrame f=new JFrame("javaSwing");

JPasswordField passwordField = new JPasswordField();

JLabel labelPassword=new JLabel("Password:");
JLabel labelUsername=new JLabel("Username:");

JTextField usernameField=new JTextField();

JCheckBox checkBox=new JCheckBox("Check Box");
JRadioButton radioButton=new JRadioButton("Radio Button");
String week[]= { "Monday","Tuesday","Wednesday", "Thursday","Friday","Saturday","Sunday"};

JList list=new JList(week);



labelUsername.setBounds(20,60,80,30);
usernameField.setBounds(100,60,100,30);

labelPassword.setBounds(20,100, 80,30);
passwordField.setBounds(100,100,100,30);

checkBox.setBounds(30,140,100,30);

radioButton.setBounds(30,180,120,30);

list.setBounds(30,240,400,150);

f.add(labelUsername); f.add(usernameField);
f.add(passwordField); f.add(labelPassword);
f.add(checkBox);
f.add(radioButton);
```
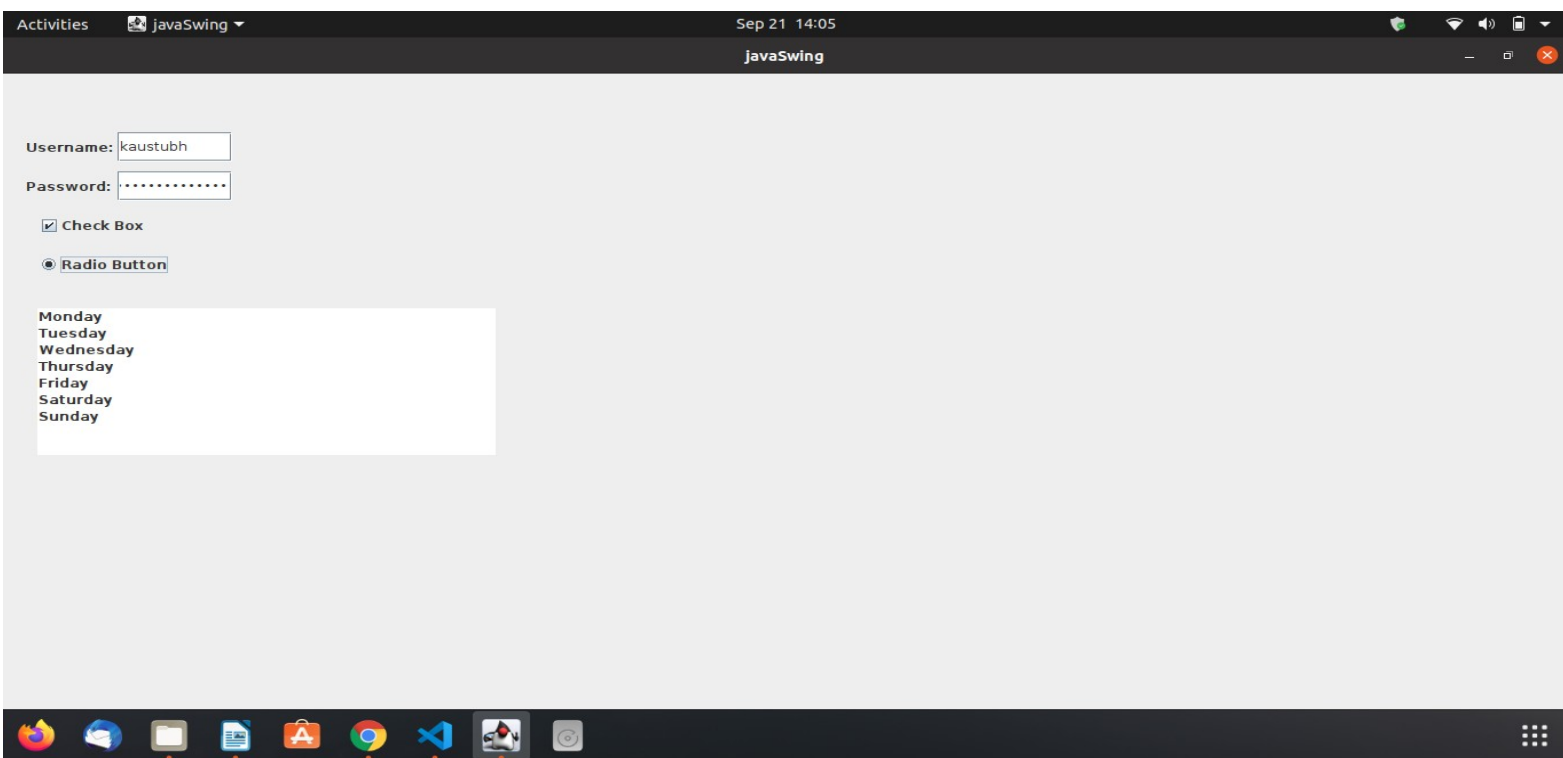
```
        f.add(list);

        f.setSize(500,500);
        f.setLayout(null);
        f.setVisible(true);



    }

}
```

Output:

```java
/**
 * Q 2) Write a java program to display Progress Bar.
 */

import javax.swing.*;

public class progressbar {

public static void main(String[] args) {

JFrame f = new JFrame("ProgressBar ");
JPanel panel = new JPanel();

JProgressBar progressBar = new JProgressBar(0, 20);
progressBar.setValue(0);
progressBar.setStringPainted(true);
panel.add(progressBar);

f.add(panel);
f.setSize(500, 500);
f.setVisible(true);

try {
Thread.sleep(2000);
} catch (InterruptedException e) {
// TODO Auto-generated catch block
e.printStackTrace();
}
progressBar.setValue(100);

}
}
```

Output:

ProgressBar

100%