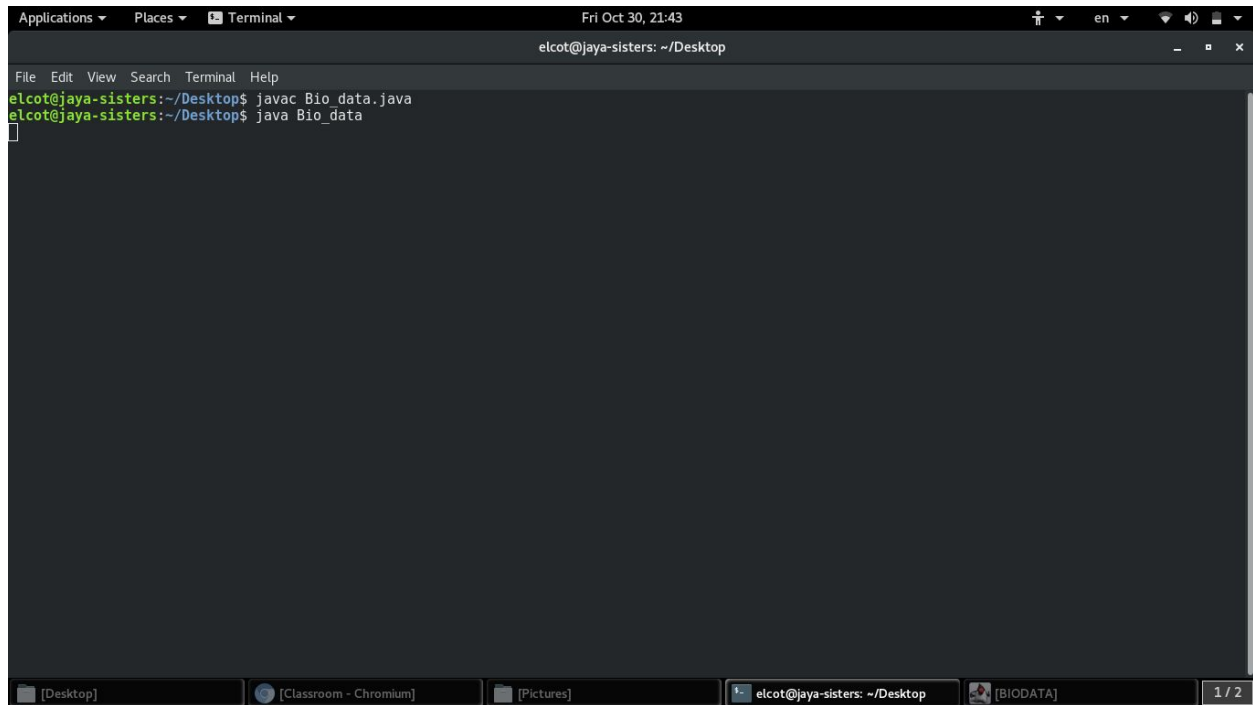


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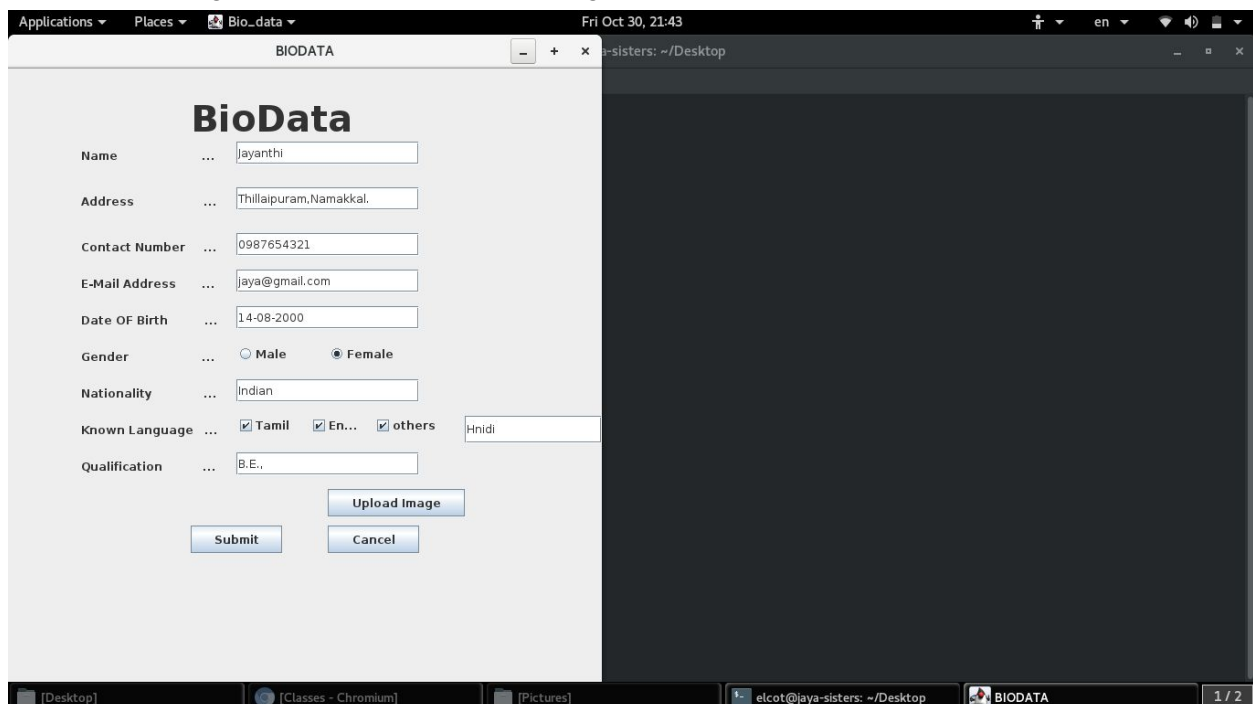
Assignment 2 : BIO DATA GENERATOR

Output:



```
Applications ▾ Places ▾ Terminal ▾ Fri Oct 30, 21:43
elcot@jaya-sisters: ~/Desktop
File Edit View Search Terminal Help
elcot@jaya-sisters:~/Desktop$ javac Bio_data.java
elcot@jaya-sisters:~/Desktop$ java Bio_data
```

➤ When the program is compiled, the following frame comes in the output.



BioData

Name ...

Address ...

Contact Number ...

E-Mail Address ...

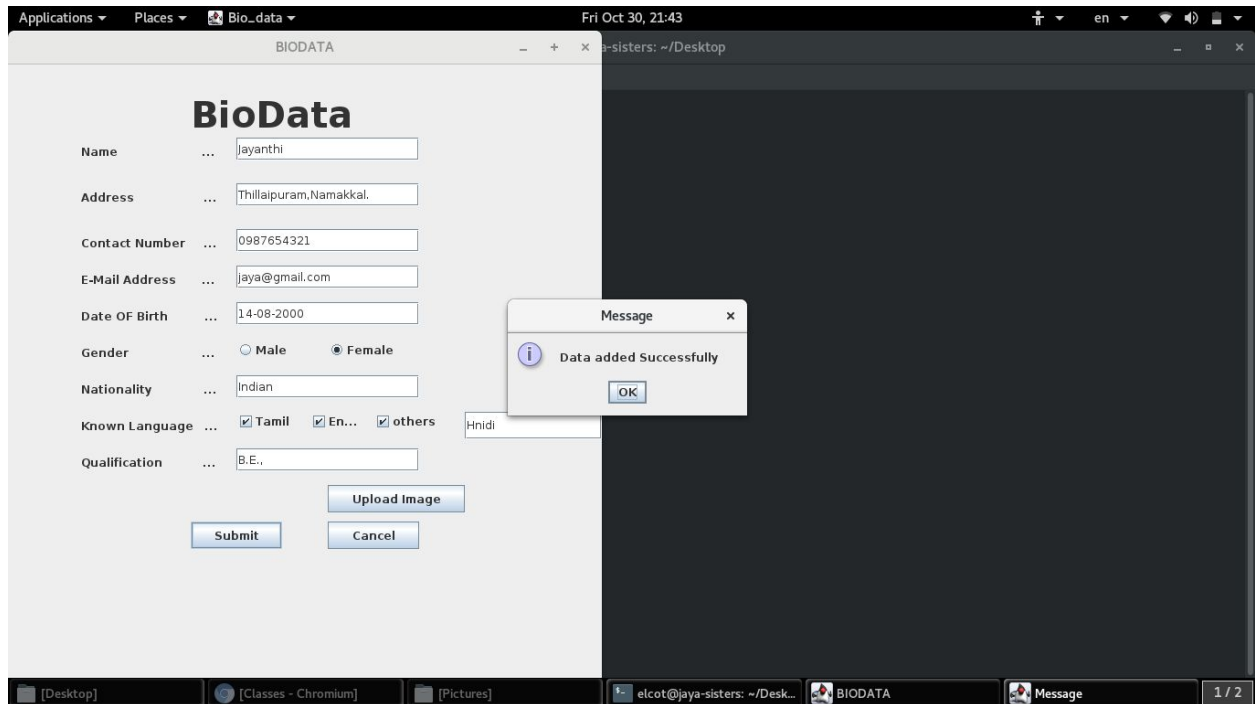
Date OF Birth ...

Gender ... ☐ Male ☒ Female

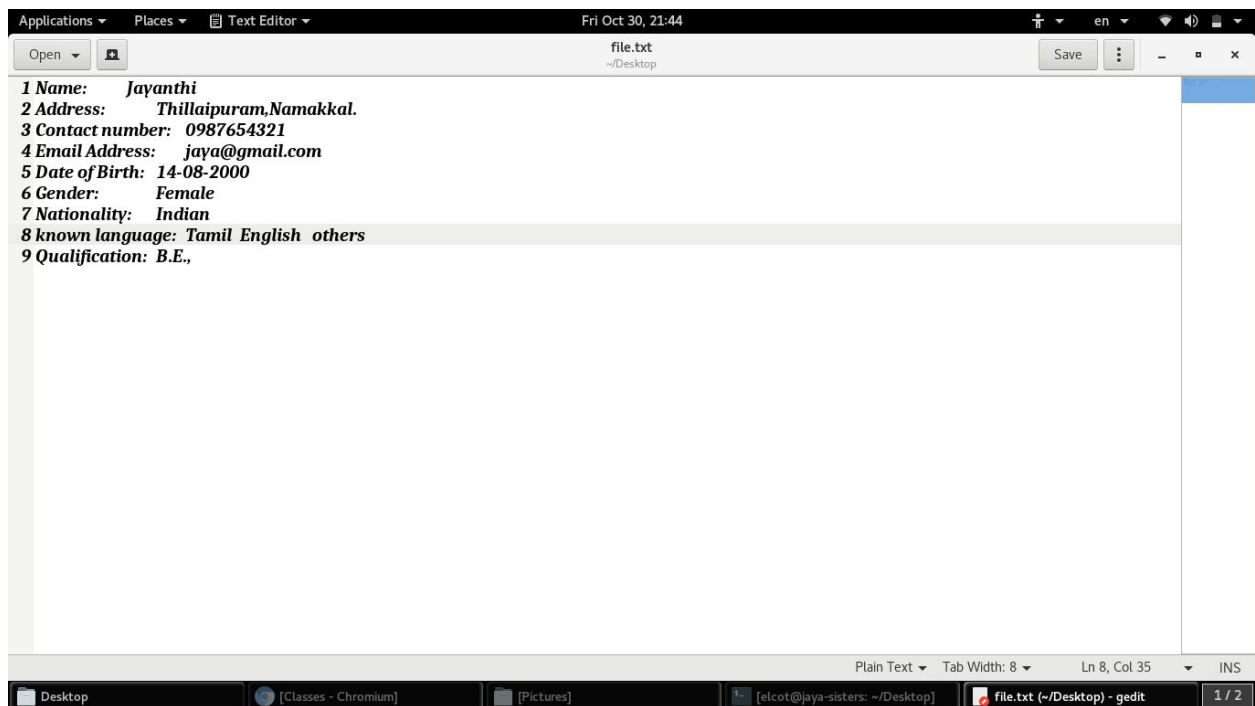
Nationality ...

Known Language ... ☒ Tamil ☒ En... ☒ others

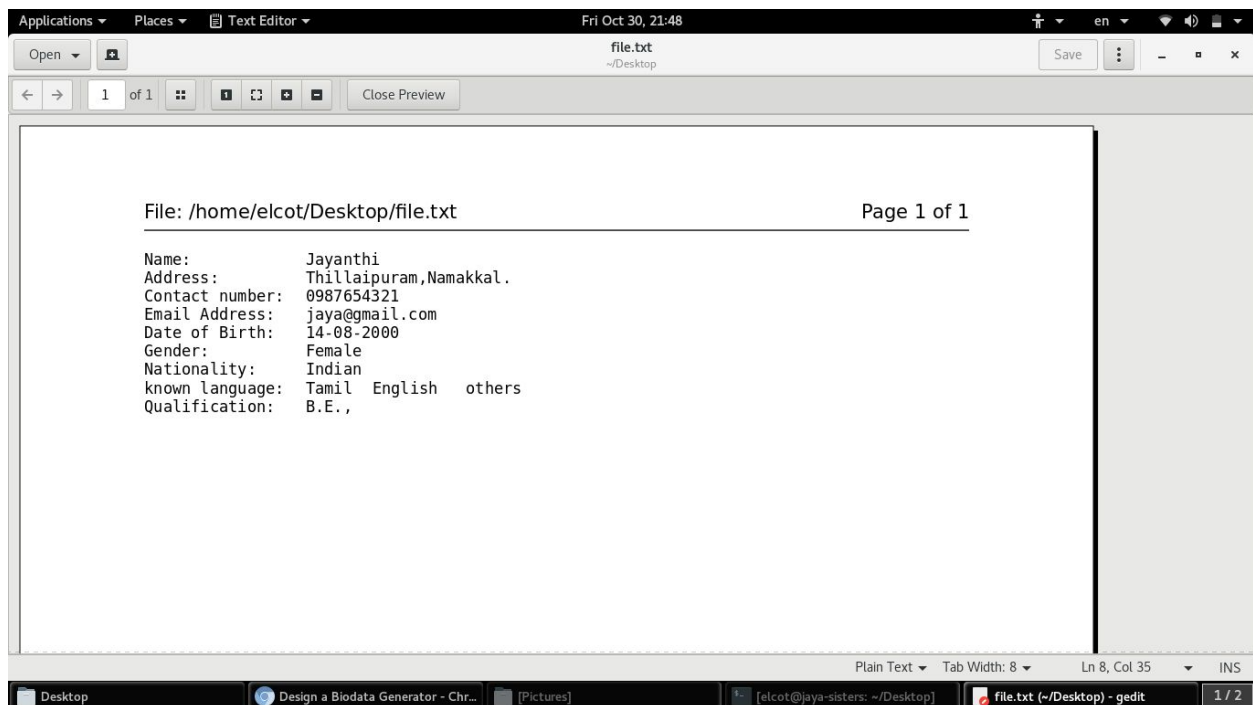
Qualification ...



➤ After entering all the required information, click the submit button. When ok button is clicked, it generates a file with the entered information.



➤ The output is finally generated as PDF format.



Program:

```
import java.awt.*;
import java.awt.event.*;
import javax.swing.*;
import javax.swing.event.*;
import javax.swing.table.*;
import java.io.*;

public class Bio_data extends JFrame {

    JFrame f;
    JLabel l,l1,l2,l3,l4,l5,l6,l7,l8,l9,l10;
    JTextField t1,t2,t3,t4,t5,t6,t7,t8,t9,t10,td,t11,t12,t13;
    JButton b1,b2,b3;
    JRadioButton rb1,rb2;
    ButtonGroup bg1;
    JCheckBox ch1,ch2,ch3;

    TableColumn sc,tc;
    DefaultTableModel model,dtm;

    public Bio_data() {
        f=new JFrame("BIODATA");
        l=new JLabel("BioData");
```

```

l.setFont(new Font("Algerian",Font.BOLD,40));
l1=new JLabel("Name                :-");
l2=new JLabel("Address              :-");
l3=new JLabel("Contact Number       :-");
l4=new JLabel("E-Mail Address        :-");
l5=new JLabel("Date OF Birth          :-");
l7=new JLabel("Gender                :-");
l8=new JLabel("Nationality             :-");
l9=new JLabel("Known Language          :-");
l10=new JLabel("Qualification           :-");
t1=new JTextField(20);
t2=new JTextField(20);
t3=new JTextField(20);
t4=new JTextField(20);
t5=new JTextField(20);
rb1=new JRadioButton("Male");
rb2=new JRadioButton("Female");
bg1=new ButtonGroup();
bg1.add(rb1);
bg1.add(rb2);
t6=new JTextField(20);
ch1=new JCheckBox("Tamil");
ch2=new JCheckBox("English");
ch3=new JCheckBox("others");
t7=new JTextField(20);
t8= new JTextField(20);
b3=new JButton("Upload Image");
b1=new JButton("Submit");
b2=new JButton("Cancel");
JPanel p=new JPanel();
p.setLayout(null);

```

```

l.setBounds(200,30,200,50);
l1.setBounds(80,80,150,30);
l2.setBounds(80,130,150,30);
l3.setBounds(80,180,150,30);
l4.setBounds(80,220,150,30);
l5.setBounds(80,260,150,30);
l7.setBounds(80,300,150,30);
l8.setBounds(80,340,150,30);
l9.setBounds(80,380,150,30);
l10.setBounds(80,420,150,30);

```

```

t1.setBounds(250,80,200,25);

```

```
t2.setBounds(250,130,200,25);
t3.setBounds(250,180,200,25);
t4.setBounds(250,220,200,25);
t5.setBounds(250,260,200,25);
rb1.setBounds(250,300,100,25);
rb2.setBounds(350,300,200,25);
t6.setBounds(250,340,200,25);
ch1.setBounds(250,380,80,20);
ch2.setBounds(330,380,60,20);
ch3.setBounds(400,380,80,20);
t7.setBounds(250,420,200,25);
    t8.setBounds(500,380,150,30);
b3.setBounds(350,460,150,30);
b1.setBounds(200,500,100,30);
b2.setBounds(350,500,100,30);
```

```
p.add(l);
p.add(l1);p.add(l2);
p.add(l3);p.add(l4);
p.add(l5);
p.add(l7);p.add(l8);
p.add(l9);p.add(l10);
p.add(t1);p.add(t2);
p.add(t3);
    p.add(t4);p.add(t5);
p.add(rb1);
    p.add(rb2);p.add(t6);
    p.add(ch1);p.add(ch2);
    p.add(ch3);p.add(t7);p.add(t8);
```

```
p.add(b1);p.add(b2);p.add(b3);
```

```
f.add(p, BorderLayout.CENTER);
f.add(p);
```

```
f.setSize(650,780);
f.setVisible(true);
f.setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
```

```
b1.addActionListener(new ActionListener()
{

    public void actionPerformed(ActionEvent e)
```

```

{
    String s1,s2,s3,s4,s5,s6,s7,s8,s9,s10,s11="";
    s1 = t1.getText();
    s2 = t2.getText();
    s3 = t3.getText();
    s4 = t4.getText();
    s5 = t5.getText();
    s6 = t6.getText();
    s7 = t7.getText();
    s10= (rb1.isSelected())?rb1.getText():rb2.getText();

    if(ch1.isSelected())
        s11 = s11+ch1.getText();
    if(ch2.isSelected())
        s11 = s11+ch2.getText();
    if(ch3.isSelected())
        s11 = s11+ch3.getText();
    if(e.getSource() == b1){
        try {
            FileWriter w = new FileWriter("file.txt",true);
            w.write("Name:          "+" "+s1 + "\n");
            w.write("Address:       " + " "+s2 + "\n");
            w.write("Contact number:    " + " "+s3 + "\n");
            w.write("Email Address:  " + " "+s4 + "\n");
            w.write("Date of Birth:   " + " "+s5 + "\n");
            w.write("Gender:         "+" "+s10 + "\n");
            w.write("Nationality:    "+" "+s6 + "\n");
            w.write("known language:  "+" "+s11 + "\n");
            w.write("Qualification:   "+" "+s7 + "\n");
            w.close();
        }
        catch( Exception ae)
        {
            System.out.println(ae);
        }
    }
    JOptionPane.showMessageDialog(null, "Data added Successfully ");

}

});
}

public static void main(String args[]){
    Bio_data b=new Bio_data();
}
}

```

