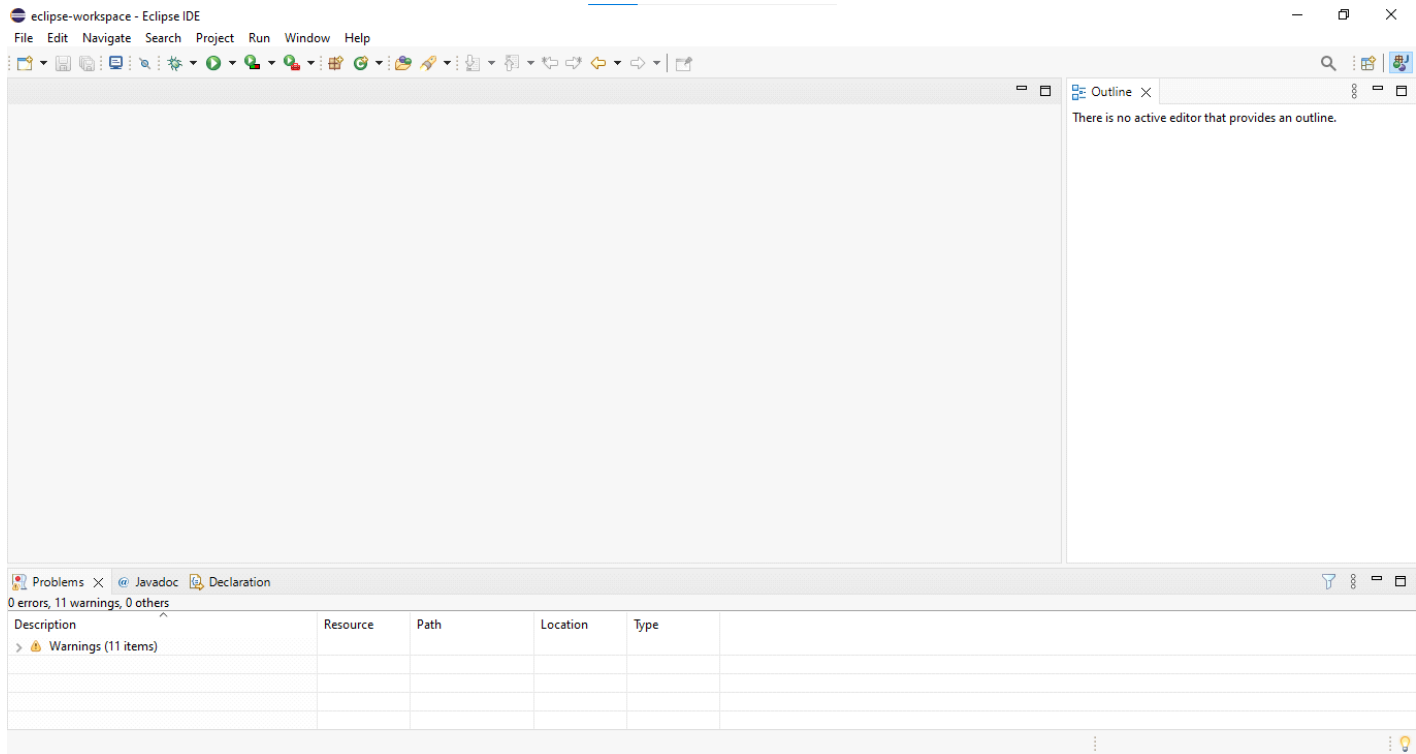


# JAVA INNOVATIVE PROJECT

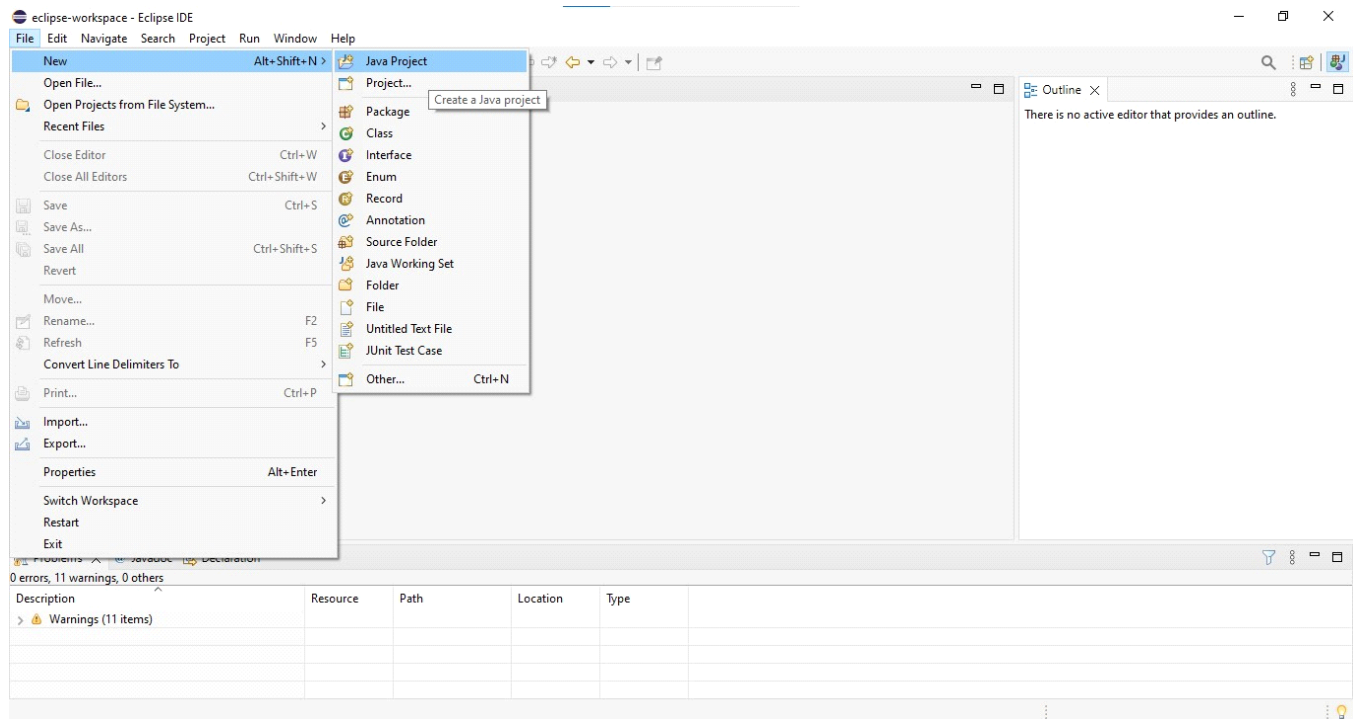
## 2022

**TITLE:** Using Eclipse create Registration Form


Open Eclipse IDE



Click on file, then go to new and click on java project



Give project name and path if you want and click on finish

 New Java Project

**Create a Java Project**

Create a Java project in the workspace or in an external location.

Project name:

☒ Use default location

Location:  [Browse...](#)

JRE

☐ Use an execution environment JRE:

☒ Use a project specific JRE:

☐ Use default JRE 'jre' and workspace compiler preferences [Configure JREs...](#)

Project layout

☐ Use project folder as root for sources and class files

☒ Create separate folders for sources and class files [Configure default...](#)

Working sets

☐ Add project to working sets [New...](#)

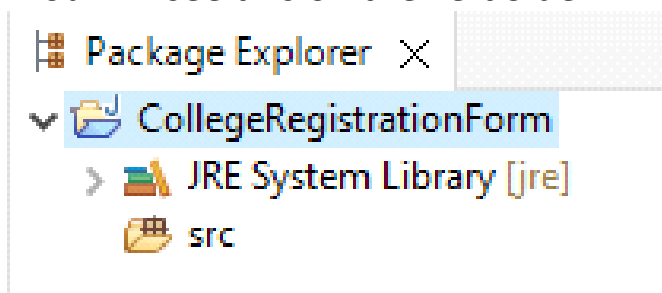
Working sets:  [Select...](#)

Module

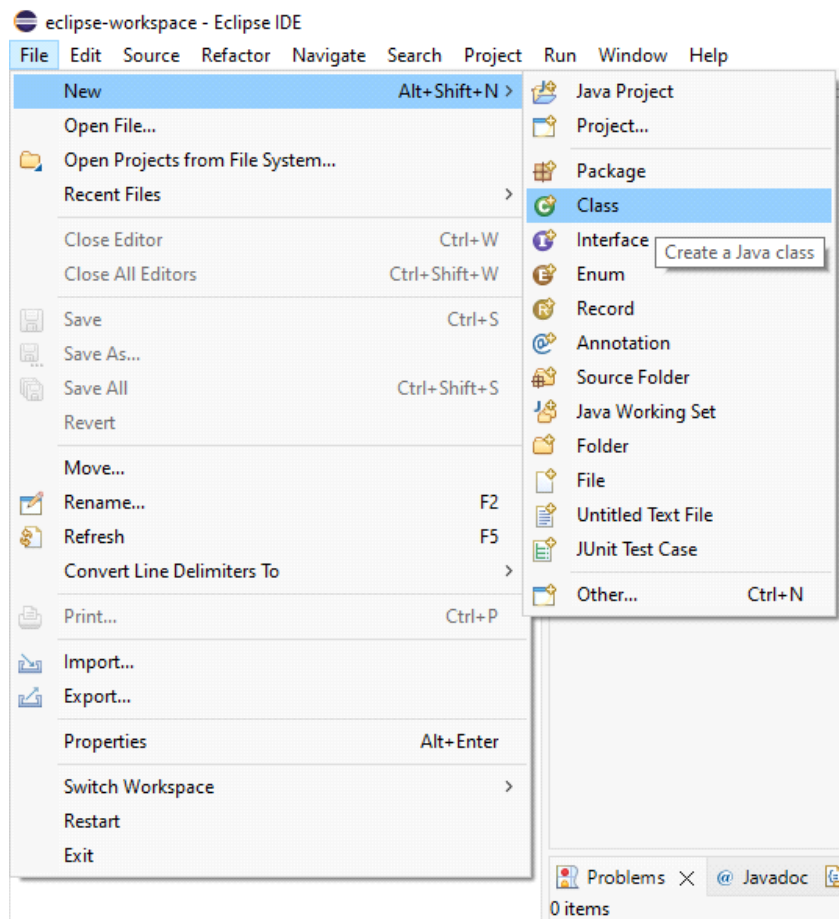
☐ Create module-info.java file

[?](#) [< Back](#) [Next >](#) [Finish](#) [Cancel](#)

You will see this on the Left Side




Click on src folder and create a new java class



Give class name and check other details and click on finish

New Java Class

**Java Class**

 The use of the default package is discouraged.

Source folder: CollegeRegistrationForm/src Browse...

Package: (default) Browse...

☐ Enclosing type: Browse...

Name: college\_registration

Modifiers: ☒ public ☐ package ☐ private ☐ protected  
☐ abstract ☐ final ☐ static  
☒ none ☐ sealed ☐ non-sealed ☐ final

Superclass: java.lang.Object Browse...

Interfaces: Add...  
Remove

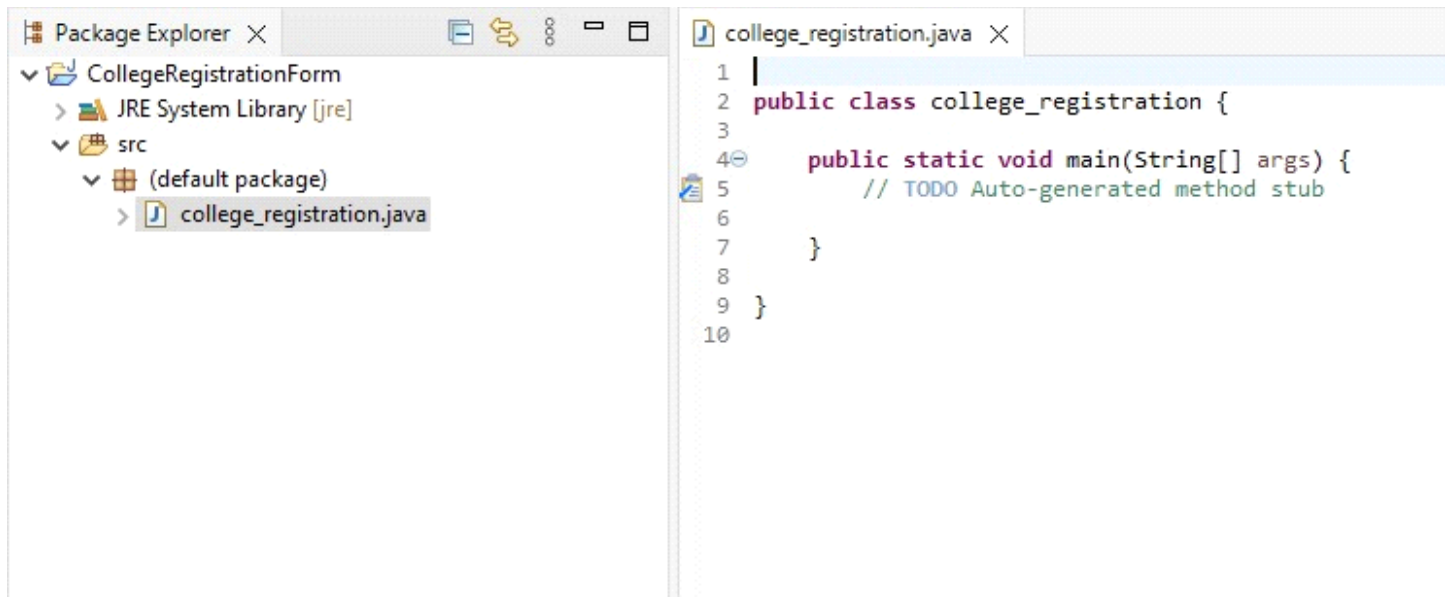
Which method stubs would you like to create?

☒ public static void main(String[] args)  
☐ Constructors from superclass  
☐ Inherited abstract methods

Do you want to add comments? (Configure templates and default value [here](#))  
☐ Generate comments

? Finish Cancel

It will create this file for you



## Source Code:

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

```
class MyFrame extends JFrame implements ActionListener
```

```
{
    Container c;
    JLabel title;
    JLabel name1;
    JTextField name2;
    JLabel mobile1;
    JTextField mobile2;
    JLabel gender;
    JRadioButton male;
    JRadioButton female;
    ButtonGroup genderbg;
    JLabel dob;
    JComboBox date;
    JComboBox month;
    JComboBox year;
    JLabel add1;
    JTextArea add2;
    JCheckBox terms;
    JButton submit;
    JButton reset;
    JTextArea outputbox;
    JLabel marks_10th;
    JTextField tmarks_10th;
    JLabel marks_12th;
    JTextField tmarks_12th;

    String dates[] = { "1", "2", "3", "4", "5",
                       "6", "7", "8", "9", "10",
```

```

        "11", "12", "13", "14", "15",
        "16", "17", "18", "19", "20",
        "21", "22", "23", "24", "25",
        "26", "27", "28", "29", "30",

        "31" };
String months[] = { "Jan", "Feb", "Mar", "Apr",
        "May", "Jun", "July", "Aug",
        "Sep", "Oct", "Nov", "Dec" };
String years[] = { "1995", "1996", "1997", "1998",
        "1999", "2000", "2001", "2002",
        "2003", "2004", "2005", "2006",
        "2007", "2008", "2009", "2010",
        "2011", "2012", "2013", "2014",
        "2015", "2016", "2017", "2018",
        "2019", "2020", "2021", "2022" };

// constructor, to initialize the components
// with default values.
public MyFrame() {
    setTitle("Ruia Autonomous College Registration Form");
    setBounds(150, 30, 1100, 700);
    setDefaultCloseOperation(EXIT_ON_CLOSE);
    setResizable(false);

    c = getContentPane();
    c.setLayout(null);

    title = new JLabel("Ruia Autonomous College Registration Form");
    title.setFont(new Font("Mongolian Baiti", Font.PLAIN, 30));
    title.setBounds(300, 30, 600, 30);
    c.add(title);

    name1 = new JLabel("Name");
    name1.setFont(new Font("Mongolian Baiti", Font.PLAIN, 20));
    name1.setBounds(100, 100, 100, 20);
    c.add(name1);

    name2 = new JTextField();
    name2.setFont(new Font("Mongolian Baiti", Font.PLAIN, 15));
    name2.setBounds(200, 100, 200, 30);
    c.add(name2);

    mobile1 = new JLabel("Mobile");
    mobile1.setFont(new Font("Mongolian Baiti", Font.PLAIN, 20));
    mobile1.setBounds(100, 150, 100, 30);
    c.add(mobile1);

    mobile2 = new JTextField();
    mobile2.setFont(new Font("Mongolian Baiti", Font.PLAIN, 15));
    mobile2.setBounds(200, 150, 200, 30);
    c.add(mobile2);

    gender = new JLabel("Gender");
    gender.setFont(new Font("Mongolian Baiti", Font.PLAIN, 20));

```

```
gender.setBounds(100, 200, 100, 20);
c.add(gender);

male = new JRadioButton("Male");
male.setFont(new Font("Mongolian Baiti", Font.PLAIN, 15));
male.setSelected(true);
male.setBounds(200, 200, 75, 20);
c.add(male);

female = new JRadioButton("Female");
female.setFont(new Font("Mongolian Baiti", Font.PLAIN, 15));
female.setSelected(false);
female.setBounds(275, 200, 80, 20);
c.add(female);

genderbg = new ButtonGroup();
genderbg.add(male);
genderbg.add(female);

dob = new JLabel("DOB");
dob.setFont(new Font("Mongolian Baiti", Font.PLAIN, 20));
dob.setBounds(100, 250, 100, 20);
c.add(dob);

date = new JComboBox(dates);
date.setFont(new Font("Mongolian Baiti", Font.PLAIN, 15));
date.setBounds(200, 250, 50, 20);
c.add(date);

month = new JComboBox(months);
month.setFont(new Font("Mongolian Baiti", Font.PLAIN, 15));
month.setBounds(250, 250, 60, 20);
c.add(month);

year = new JComboBox(years);
year.setFont(new Font("Mongolian Baiti", Font.PLAIN, 15));
year.setBounds(320, 250, 60, 20);
c.add(year);

add1 = new JLabel("Address");
add1.setFont(new Font("Mongolian Baiti", Font.PLAIN, 20));
add1.setBounds(100, 300, 100, 20);
c.add(add1);

add2 = new JTextArea();
add2.setFont(new Font("Mongolian Baiti", Font.PLAIN, 15));
add2.setBounds(200, 300, 200, 75);
add2.setLineWrap(true);
c.add(add2);

marks_10th = new JLabel("10th Marks");
marks_10th.setFont(new Font("Mongolian Baiti", Font.PLAIN, 20));
marks_10th.setBounds(100, 400, 100, 20);
c.add(marks_10th);
```



```

tmarks_10th = new JTextField();
tmarks_10th.setBounds(210, 400, 200, 30);
c.add(tmarks_10th);

marks_12th = new JLabel("12th Marks");
marks_12th.setFont(new Font("Mongolian Baiti", Font.PLAIN, 20));
marks_12th.setBounds(100, 440, 100, 20);
c.add(marks_12th);

tmarks_12th = new JTextField();
tmarks_12th.setBounds(210, 440, 200, 30);
c.add(tmarks_12th);

terms = new JCheckBox("Accept terms And Conditions.");
terms.setFont(new Font("Mongolian Baiti", Font.PLAIN, 15));
terms.setBounds(150, 480, 250, 20);
c.add(terms);

submit = new JButton("Submit");
submit.setFont(new Font("Mongolian Baiti", Font.PLAIN, 15));
submit.setBounds(150, 510, 100, 20);
submit.addActionListener(this);
c.add(submit);

reset = new JButton("Reset");
reset.setFont(new Font("Mongolian Baiti", Font.PLAIN, 15));
reset.setBounds(270, 510, 100, 20);
reset.addActionListener(this);
c.add(reset);

outputbox = new JTextArea();
outputbox.setFont(new Font("Mongolian Baiti", Font.PLAIN, 15));
outputbox.setBounds(500, 100, 300, 400);
outputbox.setLineWrap(true);
outputbox.setEditable(false);
c.add(outputbox);
setVisible(true);
}

// method actionPerformed()
// to get the action performed
// by the user and act accordingly
public void actionPerformed(ActionEvent e) {
    if (e.getSource() == submit)
    {String gender;
        if (terms.isSelected())
        {String data1;
            String name = "Name: " + name2.getText();
            String mob = "Mobile number: " + mobile2.getText();
            if (male.isSelected())
                gender = "Gender : Male";
            else
                gender = "Gender : Female";
            String dob = "DOB : "
                + date.getSelectedItem().toString()

```

```
+ "/" + month.getSelectedItem().toString()  
+ "/" + year.getSelectedItem().toString();
```

```
tmarks_10th.getText();
```

```
String address = "Address : " + add2.getText();String marks_10 = "10th Marks:"  
" +  
  
String marks_12 = "12 Marks: " + tmarks_12th.getText();outputbox.setText(name + "\n"  
+ mob + "\n" + gender +  
  
"\n" + dob + "\n" + address + "\n" + marks_10  
+ "\n" + marks_12);  
outputbox.setEditable(false);  
JOptionPane.showMessageDialog(this, "Registered  
  
Successfully!");
```

```

    } else {
        outputbox.setText("");
        JOptionPane.showMessageDialog(this, "Please accept the
terms & conditions.");

        }
    }

    else if (e.getSource() == reset)
    {String def = "";
    name2.setText("");
    add2.setText("");
    mobile2.setText("");
    outputbox.setText("");
    terms.setSelected(false);
    date.setSelectedIndex(0);
    month.setSelectedIndex(0);
    year.setSelectedIndex(0);
    }
}

// Driver Code
class college_registration {

    public static void main(String[] args)
    {MyFrame f = new MyFrame();
    }
}

```

**Output:**

## Ruia Autonomous College Registration Form

Name Mobile Gender ☒ Male ☐ FemaleDOB   Address 10th Marks 12th Marks ☐ Accept terms And Conditions.

DOB

Address

10th Marks

12th Marks

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8

DOB

Address

10th Marks

12th Marks

DOB

Address

10th Marks

12th Marks

If we don't check the terms & condition checkbox this message will display

Ruia Autonomous College Registration Form

## Ruia Autonomous College Registration Form

Name

Mobile

Gender ☒ Male ☐ Female

DOB

Address

10th Marks

12th Marks

☐ Accept terms And Conditions.

Message

Please accept the terms & conditions.

Otherwise it will print all the details in the right TextArea and give a message "Registered Succesfully".

## Ruia Autonomous College Registration Form

Name

Mobile

Gender ☒ Male ☐ Female

DOB

Address

10th Marks

12th Marks

☒ Accept terms And Conditions.

Name: Abhishek Epili  
Mobile number: 9082419895  
Gender : Male  
DOB : 1/Jun/2004  
Address : Indira Nagar No.2, J.N. Road,  
Mulund(W), Mumbai-40080  
10th Marks: 85.4%  
12 Marks: 95.17%

Message

**Registered Successfully!**