```java
//Porgrom to make form with three radio boxes
  and 5 checkboxes
import java.awt.*;
import java.awt.event.*;
Public class FormDemo6
  FormDemo()
    Frame f=new Frame();
    Label l1 = new Label("Choose Gender");
    l1.SetAlignment(l1.CENTER);
    CheckboxGroup cbg =new CheckboxGroup();
    Checkbox c1=new Checkbox("Male",cbg, false);
    Checkbox c2=new Checkbox("Female", cbg, false);
    checkbox c3=new Checkbox("Others", cbg, true);

    Label l2=new Label("Choose Subject");
    l2.SetAlignment(l2.CENTER);
    Checkbox c4=new Checkbox("PHP");
    Checkbox c5 =new checkbox("Database");
    checkbox c6 = new Checkbox("Java");
    Checkbox c7 =new Checkbox("Python");
    checkbox c8=new Checkbox("Graphics");

    f.SetLayout(new GridLayout(10,1));
    f.setSize(600,400);
    f.SetVisible(true)

    f.add(l1); f.add(c1); f.add(c2); f.add(c3);
    f.add(c4); f.add(c5); f.add(c6); f.add(c7);
    f.add(c8);
  }
Public static void main(String[] args)
  {
    new FormDemo();
  }
}
```
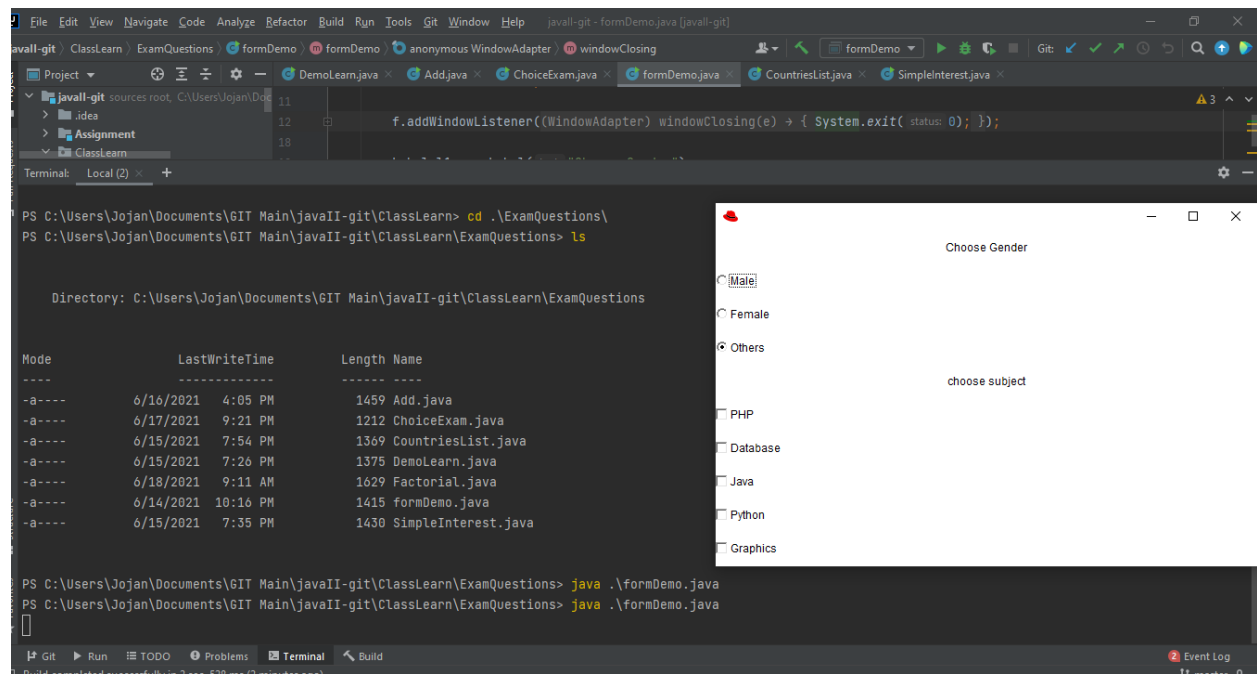
File Edit View Navigate Code Analyze Refactor Build Run Tools Git Window Help   javaII-git - formDemo.java [javaII-git]

javaII-git) ClassLearn) ExamQuestions) formDemo) formDemo) anonymous WindowAdapter) windowClosing   formDemo ▾

Project ▾   DemoLearn.java ×   Add.java ×   ChoiceExam.java ×   formDemo.java ×   CountriesList.java ×   SimpleInterest.java ×

javaII-git sources root, C:\Users\Jojan\Doc   11
.idea   12   f.addWindowListener((WindowAdapter) windowClosing(e) → { System.exit(status: 0); });
Assignment   18
ClassLearn

Terminal: Local (2) ×   +

```
PS C:\Users\Jojan\Documents\GIT Main\javaII-git\ClassLearn> cd .\ExamQuestions\
PS C:\Users\Jojan\Documents\GIT Main\javaII-git\ClassLearn\ExamQuestions> ls


    Directory: C:\Users\Jojan\Documents\GIT Main\javaII-git\ClassLearn\ExamQuestions


Mode                 LastWriteTime         Length Name
----                 -------------         ------ ----
-a----         6/16/2021     4:05 PM           1459 Add.java
-a----         6/17/2021     9:21 PM           1212 ChoiceExam.java
-a----         6/15/2021     7:54 PM           1369 CountriesList.java
-a----         6/15/2021     7:26 PM           1375 DemoLearn.java
-a----         6/18/2021     9:11 AM           1629 Factorial.java
-a----         6/14/2021    10:16 PM           1415 formDemo.java
-a----         6/15/2021     7:35 PM           1430 SimpleInterest.java


PS C:\Users\Jojan\Documents\GIT Main\javaII-git\ClassLearn\ExamQuestions> java .\formDemo.java
PS C:\Users\Jojan\Documents\GIT Main\javaII-git\ClassLearn\ExamQuestions> java .\formDemo.java
```

Choose Gender

○ Male
○ Female
◉ Others

choose subject

☐ PHP
☐ Database
☐ Java
☐ Python
☐ Graphics

Git   ▶ Run   TODO   Problems   Terminal   Build   Event Log

```java
// Program to create a frame having a f-
   orm to take 2 numbers from user an-
   d add a button to add these numbers.
import java.awt.*;
import java.awt.event.*;

Public class adAdd {
    Add() {
        Frame f = new Frame("Learning");
        f.SetLayout(new FlowLayout());
        Label L1 = new Label("Enter first
                              number");
        Label L2 = new Label("Enter Second number");
        Label L3 = new Label();

        TextField t1 = new TextField(10);
        TextField t2 = new TextField(10);
        Button b = new Button("Add");
        b.ActionListener(new ActionListener() {
            @Override
            Public void actionperformed(Action-
                                        Event e) {
                int n1 = Integer.ParseInt(t1.getText());
                int n2 = Integer.ParseInt(t2.getText());
                int sum = (n1+n2);
                l3.SetText("The sum is =" + Stri-
                              ng.valueOf(sum));
            }
        });

        f.add(l1); f.add(t1); f.add(t2); f.add(t0);
        f.add(b); f.add(l3);
        f.setVisible(true);
        f.Setsize(300,400);
    }
    Public static void main(String[] args)
    { new Add(); }
}
```

```
11
12          f.addWindowListener((WindowAdapter) windowClosing(e) -> { System.exit( status: 0); });
18
```

Terminal: Local (2) +

```
    Directory: C:\Users\Jojan\Documents\GIT Main\javaII-git\ClassLearn\ExamQuestions


Mode                LastWriteTime          Length Name
----                -------------          ------ ----
-a----         6/16/2021     4:05 PM         1459 Add.java
-a----         6/17/2021     9:21 PM         1212 ChoiceExam.java
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-a----         6/15/2021     7:26 PM         1375 DemoLearn.java
-a----         6/18/2021     9:11 AM         1629 Factorial.java
-a----         6/14/2021    10:16 PM         1415 formDemo.java
-a----         6/15/2021     7:35 PM         1430 SimpleInterest.java


PS C:\Users\Jojan\Documents\GIT Main\javaII-git\ClassLearn\ExamQuestions> java .\formDemo.java
PS C:\Users\Jojan\Documents\GIT Main\javaII-git\ClassLearn\ExamQuestions> java .\formDemo.java
PS C:\Users\Jojan\Documents\GIT Main\javaII-git\ClassLearn\ExamQuestions> java .\Add.java`
Error: Could not find or load main class .\Add.java`
Caused by: java.lang.ClassNotFoundException: /\Add/java`
PS C:\Users\Jojan\Documents\GIT Main\javaII-git\ClassLearn\ExamQuestions> java .\Add.java
```

Learning Frame

Enter fisrt number   5

Enter second number   1   Add

The sum is = 6

Create a AWT GUI that contains a combo box and text
field. When a option is selected in combo box,
display it in text field.

```java
→ import java.awt.*;
import java.awt.event.*;
Public class ChoiceExam{
    ChoiceExam(){
        Frame f=new Frame();
        Choice c =new Choice();
        TextField t1=new TextField(15);
        Button b=new Button("submit");
        f.addWindowListener(new WindowAdapter(){
            @Override
            Public void windowClosing(WindowEvent e){
                System.extit(0);
            }
        });

        c.add("Testing");
        c.add("Hacking");
        c.add("Learning");
        c.add("E-learning");
        b.addActionListener(new ActionListener(){
            @override
            Public void actionPerformed(ActionEvent e){
                String Sitem=c.getSelectedItem())
                t1.setText(Sitem))
            }
        });
        f.add(c); f.add(t1); f.add(b);

        f.setSize(300,400); f.setVisible(true)
        f.setLayout(new FlowLayout());
    }
    Public static void main(String[] args)
    {
        new ChoiceExam();
    }
}
```

```java
//write a program that read number from a user
and display the factorial of the output in
text field when user press a button
-> import java.awt.*;
import java.awt.event.*;
Public class Factorial {
    Factorial() {
        Frame f = new Frame();
        Label l1 = new label("Enter number for factorial");
        Label
        Textfield t1 = new Texfield(15);
        Button b = new Button("SUBMIT");
        b.addActionListener(new ActionListener() {
            @override
            Public void actionPerformed(ActionEvent e) {
                int num = Integer.ParseInt(t1.getText());
                if num(<0) {
                    t1.setText("Less than 0 so no fact done"); }
                else if(num==0)
                    t1.setText("The fact is 0");
                }
                else {
                    int fact = 1;
                    for(int i=1;i<=num;i++) {
                        fact = fact * i; }
                    t1.setText("The factorial is ="+String.valueof(fact));
                }
            }
        }
        f.add(l1);
        f.add(t1);
        f.add(b);
        f.setVisible(true);
        f.setLayout(new FlowLayout());
        f.setSize(600,400);
    }
    Public static void main(String[] args)
    {
        new Factorial();
    }
}
```

File Edit View Navigate Code Analyze Refactor Build Run Tools Git Window Help

javall-git › ClassLearn › ExamQuestions › ChoiceExam

formDemo

Project

DemoLearn.java ×   Add.java ×   ChoiceExam.java ×   formDemo.java ×   CountriesList.java ×   SimpleInterest.java ×

```
1    package ClassLearn.ExamQuestions;
2    //Create a awt GUI that contains a combo box and text feild.
3    //  When a option is selected in combo box, display it in text feild.
     import java.awt.*;
```

> javall-git sources root, C:\Users\Jojan\Doc
  > .idea
  > Assignment
  > ClassLearn

Terminal: Local (2) × +

```
Mode                LastWriteTime        Length Name
----                -------------        ------ ----
-a----        6/16/2021   4:05 PM          1459 Add.java
-a----        6/17/2021   9:21 PM          1212 ChoiceExam.java
-a----        6/15/2021   7:54 PM          1369 CountriesList.java
-a----        6/15/2021   7:26 PM          1375 DemoLearn.java
-a----        6/18/2021   9:11 AM          1629 Factorial.java
-a----        6/14/2021  10:16 PM          1415 formDemo.java
-a----        6/15/2021   7:35 PM          1430 SimpleInterest.java


PS C:\Users\Jojan\Documents\GIT Main\javaII-git\ClassLearn\ExamQuestions> java .\formDem
PS C:\Users\Jojan\Documents\GIT Main\javaII-git\ClassLearn\ExamQuestions> java .\formDem
PS C:\Users\Jojan\Documents\GIT Main\javaII-git\ClassLearn\ExamQuestions> java .\Add.java
Error: Could not find or load main class .\Add.java`
Caused by: java.lang.ClassNotFoundException: /\Add/java`
PS C:\Users\Jojan\Documents\GIT Main\javaII-git\ClassLearn\ExamQuestions> java .\Add.java
PS C:\Users\Jojan\Documents\GIT Main\javaII-git\ClassLearn\ExamQuestions> java .\ChoiceExam.java
PS C:\Users\Jojan\Documents\GIT Main\javaII-git\ClassLearn\ExamQuestions> java .\Factorial.java
```

Enter Number For Factorial   The factorial is = 120   Submit

Git   Run   TODO   Problems   Terminal   Build

Build completed successfully in 2 sec, 528 ms (4 minutes ago)

Event Log

master

11:45 AM
6/18/2021

//WAP that contains two button and a text field.
When first button is pr clicked, a message "Hello worl-
d" is shown in text field, when second button is cli-
cked text is field is cleared.

```java
import java.awt.*;
import java.awt.event.*;
public class DemoLearn{
    DemoLearn(){
        Frame f=new Frame();
        TextField t1=new TextField(10);
        Label l1=new Label();
        Button b1=new Button("Show");
        Button b2=new Button("Clear");
        b1.addActionListener(new ActionListener(){
            @Override
            Public void actionPerformed(ActionEvent e){
                t1.setText("Hello world");
            }
        });
        b2.addActionListener(new ActionListener(){
            @Override
            Public void actionPerformed(ActionEvent e){
                t1.setText(""); }
        });
        f.setLayout(new FlowLayout());
        f.setSize(600,400);
        f.setVisible(true);
        f.add(t1);
        f.add(b1);
        f.add(b2);
    }

    Public static void main(String[] args){
        new DemoLearn();
    }
}
```

```java
//WAP to display Simple Interest
-> import java.awt.*;
import java.awt.event.*;
Public class SimpleInterest{
  SimpleInterest(){
      Frame f=new Frame();
      f.addWindowListener
      Label l1=new Label(" Enter P & T & R");
      Label l2=new label();
      TextField t1=new TextField(8);
      TextField t2=new TextField(8);
      TextField t3=new TextField(8);
      Button b=new Button("SUBMIT");
      b.addActionListener(new ActionListener(){
        @Override
        Public void actionPerformed(ActionEvent e){
            int P= Integer.parseInt(t1.getText());
            int t= Integer.parseInt(t2.getText());
            int r= Integer.parseInt(t3.getText());
            int si =(P*t*r)/100;
            l2.setText("The si is:"+String.valueOf(si))
          }
        };
      f.add(l1); f.add(t1); f.add(t2); f.add(t3);
      f.add(b); f.add(l2);
      f.setVisible(true);
      f.setLayout(new FlowLayout())
      f.setSize(600,400);
    }
  Public static void main(String[] args){
      new SimpleInterest();
    }
  }
```
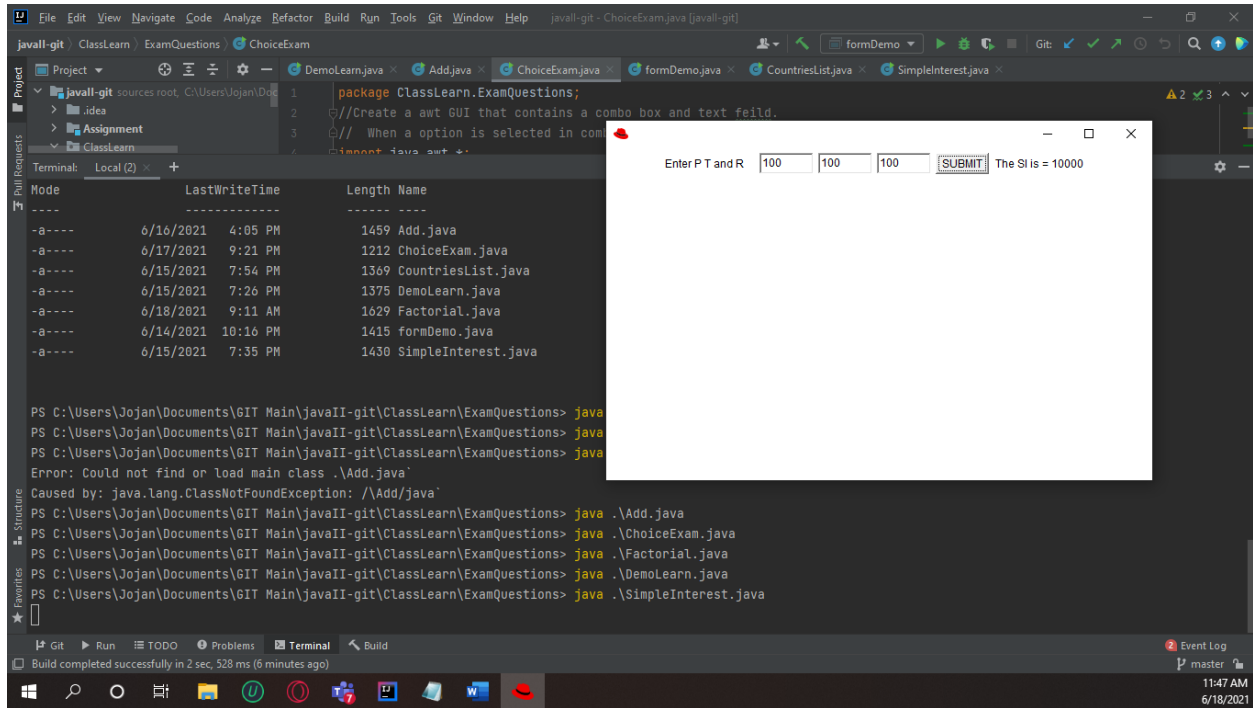
```java
//Create a awt Gui that contains a list of countries
and text field when a option is selected in list,
display it in text field.
import java.awt.*;
import java.awt.event.*;
Public class CountriesList {
    CountriesList(){
        Frame f=new Frame();
        Label l1=new Label();
        List l=new List(3,true);
        l.add("Nepal");
        l.add("china");
        l.add("India");
        l.add("Japan");
        Button b=new Button("show");
        b.addActionListener(new ActionListener(){
            @Override
            Public void actionPerformed(ActionEvent e){
                String store="Items selected are";
                String items[]=l.getSelectedItems();
                for(int i=0;i<items.length;i++){
                    store=items[i]+",";
                }
                l1.setText(store);
            }
        });
        f.add(l);
        f.add(b);
        f.add(l1);
        f.setSize(600,600);
        f.setLayout(new FlowLayout());
        f.setVisible(true);
    }
    Public static void main(String[] args)
    {
        new CountriesList();
    }
}
```

File Edit View Navigate Code Analyze Refactor Build Run Tools Git Window Help

javall-git › ClassLearn › ExamQuestions › ChoiceExam

formDemo ▼

Git:

Project

DemoLearn.java × Add.java × ChoiceExam.java × formDemo.java × CountriesList.java × SimpleInterest.java ×

```
javall-git  sources root, C:\Users\Jojan\Do
  .idea
  > Assignment
  > ClassLearn
```

```
1    package ClassLearn.ExamQuestions;
2    //Create a awt GUI that contains a combo box and text feild.
3    //  When a option is selected in combo box, displa
4    import java awt *;
```

Terminal: Local (2) × +

```
----              --------------        ------ ----
-a----    6/16/2021    4:05 PM      1459 Add.java
-a----    6/17/2021    9:21 PM      1212 ChoiceExam.java
-a----    6/15/2021    7:54 PM      1369 CountriesList.java
-a----    6/15/2021    7:26 PM      1375 DemoLearn.java
-a----    6/18/2021    9:11 AM      1629 Factorial.java
-a----    6/14/2021   10:16 PM      1415 formDemo.java
-a----    6/15/2021    7:35 PM      1430 SimpleInterest.java


PS C:\Users\Jojan\Documents\GIT Main\javaII-git\ClassLearn\ExamQuestions> java .\formDemo.ja
PS C:\Users\Jojan\Documents\GIT Main\javaII-git\ClassLearn\ExamQuestions> java .\formDemo.ja
PS C:\Users\Jojan\Documents\GIT Main\javaII-git\ClassLearn\ExamQuestions> java .\Add.java`
Error: Could not find or load main class .\Add.java`
Caused by: java.lang.ClassNotFoundException: /\Add/java`
PS C:\Users\Jojan\Documents\GIT Main\javaII-git\ClassLearn\ExamQuestions> java .\Add.java
PS C:\Users\Jojan\Documents\GIT Main\javaII-git\ClassLearn\ExamQuestions> java .\ChoiceExam.java
PS C:\Users\Jojan\Documents\GIT Main\javaII-git\ClassLearn\ExamQuestions> java .\Factorial.java
PS C:\Users\Jojan\Documents\GIT Main\javaII-git\ClassLearn\ExamQuestions> java .\DemoLearn.java
PS C:\Users\Jojan\Documents\GIT Main\javaII-git\ClassLearn\ExamQuestions> java .\SimpleInterest.java
PS C:\Users\Jojan\Documents\GIT Main\javaII-git\ClassLearn\ExamQuestions> java .\CountriesList.java
```

Nepal
China
India

Show   Items selected are China, India,

Git Run TODO Problems Terminal Build

Build completed successfully in 2 sec, 528 ms (6 minutes ago)

Event Log

master

11:47 AM
6/18/2021