

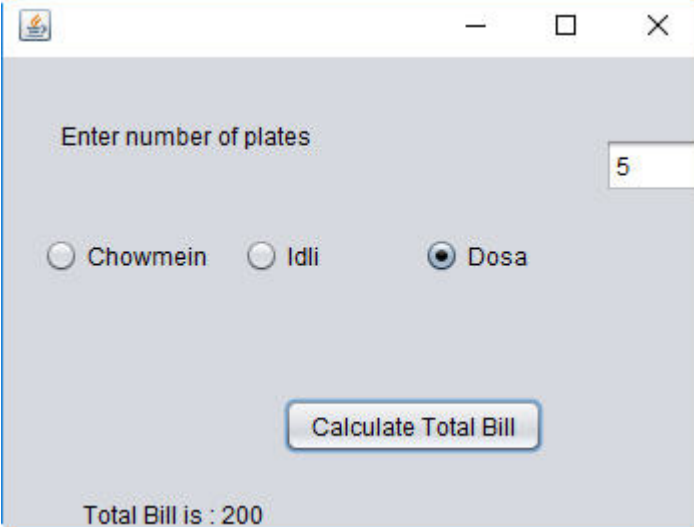
105.

Calculate Total Bill as No of plates * price of dish

Chowmein – 50

Idli – 45

Dosa – 40



Coding for Calculate Total Bill Button

```
int noofplates,total=0;
noofplates=Integer.parseInt(jTextField1.getText());
if(jRadioButton1.isSelected()==true)
{
    total=50*noofplates;
}
if(jRadioButton2.isSelected()==true)
{
    total=45*noofplates;
}
if(jRadioButton3.isSelected()==true)
{
    total=40*noofplates;
}
jLabel2.setText("Total Bill is : " + total);
```

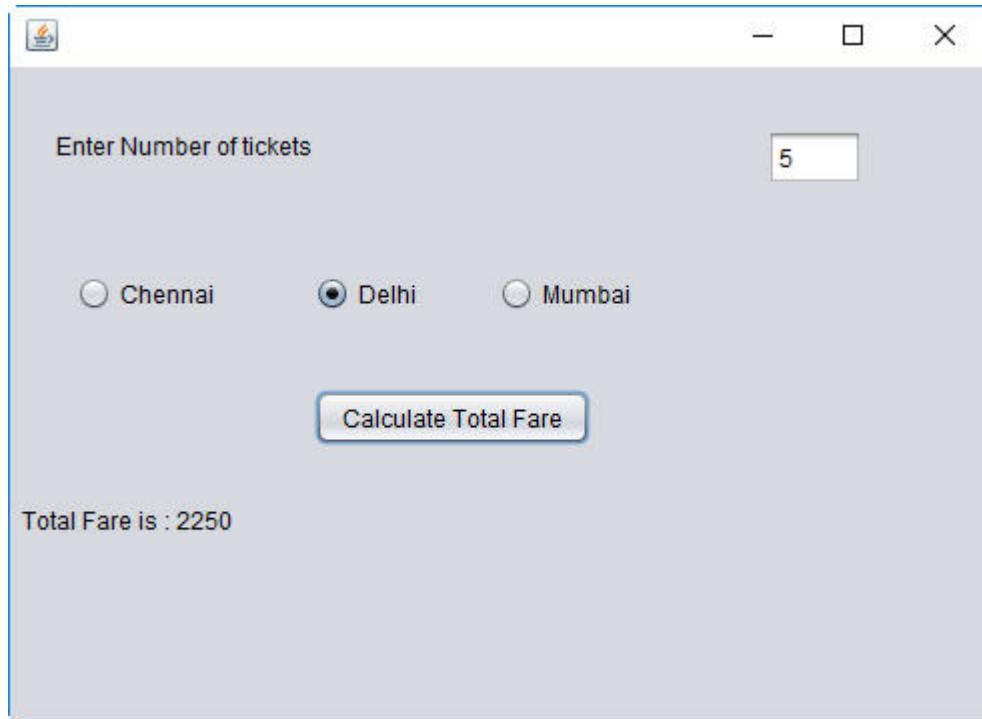
106.

Calculate Total Fare as Number of passangers * ticket price

Chennai - 500

Delhi - 450

Mumbai – 400



Coding for Calculate Total Fare Button

```
int tickets,total=0;
tickets=Integer.parseInt(jTextField1.getText());
if(jRadioButton1.isSelected()==true)
{
    total=500*tickets;
}
if(jRadioButton2.isSelected()==true)
{
    total=450*tickets;
}
if(jRadioButton3.isSelected()==true)
{
    total=400*tickets;
}
jLabel2.setText("Total Fare is : " + total);
```

107.

Calculate Total Bill as Price of Phone * Phone Manufacturer

Lava - 15000
Samsung - 14000
Micromax – 13000

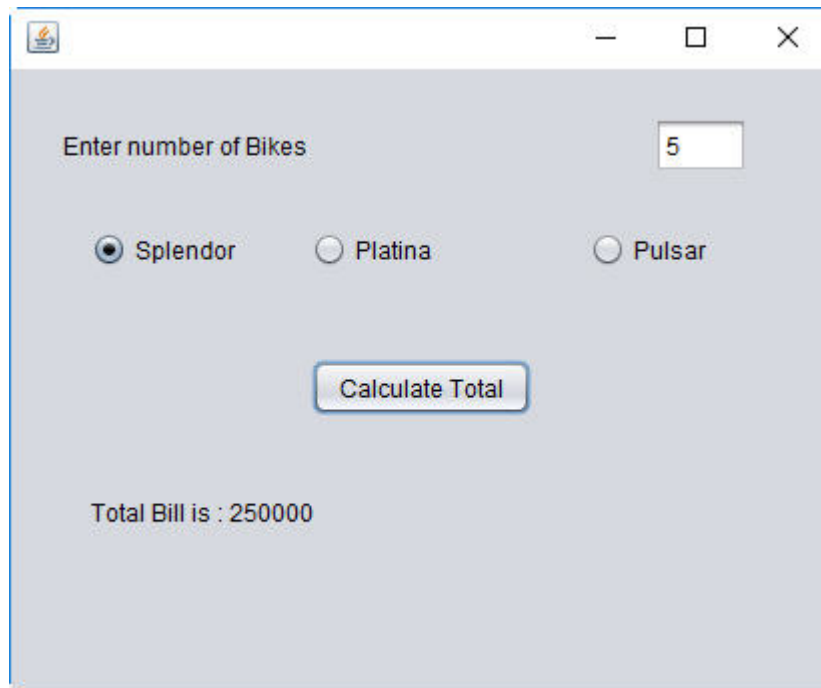


```
int noofphones,total=0;
noofphones=Integer.parseInt(jTextField1.getText());
if(jRadioButton1.isSelected()==true)
{
    total=15000*noofphones;
}
if(jRadioButton2.isSelected()==true)
{
    total=14000*noofphones;
}
if(jRadioButton3.isSelected()==true)
{
    total=13000*noofphones;
}
jLabel2.setText("Total Bill is : " + total);
```

108.

Calculate Total Bill as Number of Bikes purchased * Bike Price

Splendor - 50000
Platina - 45000
Pulsar – 40000



Coding for Calculate Total Button

```
int noofbikes,total=0;
noofbikes=Integer.parseInt(jTextField1.getText());
if(jRadioButton1.isSelected()==true)
{
    total=50000*noofbikes;
}
if(jRadioButton2.isSelected()==true)
{
    total=45000*noofbikes;
}
if(jRadioButton3.isSelected()==true)
{
    total=40000*noofbikes;
}
jLabel2.setText("Total Bill is : "+total);
```

109.

Calculate Total Bill as Number of Laptops purchased * Laptop Price

Lenovo - 50000
Apple - 45000
Acer – 40000

Enter Number of Laptops

5

☐ Lenovo
 ☒ Apple
 ☐ Acer

Calculate Total

Total Bill is : 225000

Coding for Calculate Total Button

```
int nooflaptops,total=0;
nooflaptops=Integer.parseInt(jTextField1.getText());
if(jRadioButton1.isSelected()==true)
{
    total=nooflaptops*50000;
}
if(jRadioButton2.isSelected()==true)
{
    total=nooflaptops*45000;
}
if(jRadioButton3.isSelected()==true)
{
    total=nooflaptops*40000;
}
jLabel2.setText("Total Bill is : " + total);
```

110.

Calculate Simple Interest based on principal amount, rate and time in years
 rate is calculated based on RadioButtons
 rate =3,4,5

Enter Principal Amount 1000

Rate of Interest : ☐ 3 ☒ 4 ☐ 5

Enter Time in Years 5

Calculate Simple Interest

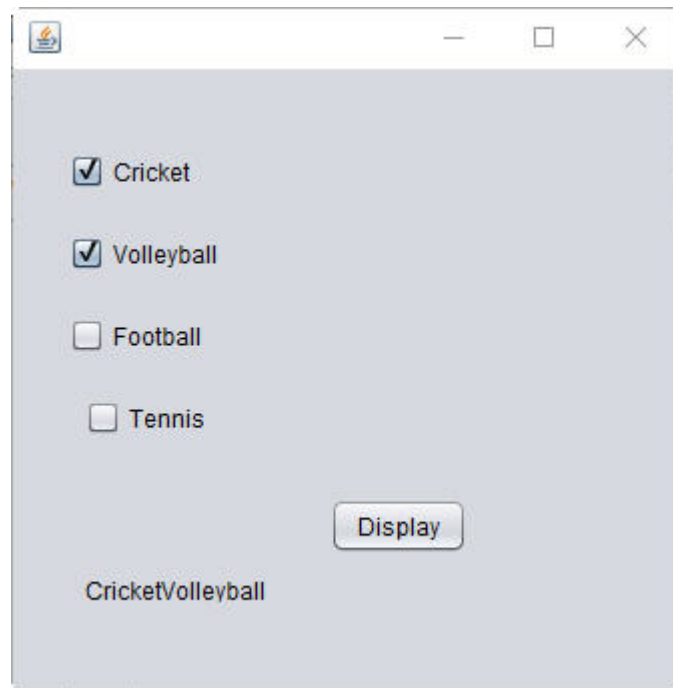
Simpel Interest is : 200.0

Coding for Calculate Simple Interest Button

```
int p=0,r=0,t=0;
double si=0;
p=Integer.parseInt(jTextField1.getText());
if(jRadioButton1.isSelected()==true)
{
r=3;
}
if(jRadioButton2.isSelected()==true)
{
r=4;
}
if(jRadioButton3.isSelected()==true)
{
r=5;
}
t=Integer.parseInt(jTextField2.getText());
si=(p*r*t)/100;
jLabel4.setText("Simpel Interest is : "+si);
```

111.

Display Different games selected as checkboxes



Coding for Display Button

```
String games="";
if(jCheckBox1.isSelected()==true)
{
    games=games+"Cricket";
}
if(jCheckBox2.isSelected()==true)
{
    games=games+"Volleyball";
}
if(jCheckBox3.isSelected()==true)
{
    games=games+"Football";
}
if(jCheckBox4.isSelected()==true)
{
    games=games+"Tennis";
}
jLabel1.setText(games);
```

112.

Calculate total bill as number of pens * price of pen based on type

Pilot Pen - 50

Fountain Pen - 45

Ball Point Pen – 40

Enter number of pens

10

☐ Pilot Pen ☒ Fountain Pen ☐ Ball Point Pen

Calculate Total Bill

Total Bill is : 450

Coding for Calculate Total Bill Button

```
int noofpens,total=0;
noofpens=Integer.parseInt(jTextField1.getText());
if(jRadioButton1.isSelected()==true)
{
    total=noofpens*50;
}
if(jRadioButton2.isSelected()==true)
{
    total=noofpens*45;
}
if(jRadioButton3.isSelected()==true)
{
    total=noofpens*40;
}
jLabel2.setText("Total Bill is : " + total);
```

113.

Calculate percentage of student

NCC Cadet will get an increase in percentage by 2

Enter Marks 1: 67

Enter Marks 2: 68

Enter Marks 3: 78

Enter Marks 4: 77

Enter Marks 5: 75

☒ NCC Cadet

Calculate Percentage

Percentage : 75.0

Coding for Calculate Percentage Button

```
int marks1,marks2,marks3,marks4,marks5;
double total=0,percentage=0;
marks1=Integer.parseInt(jTextField1.getText());
marks2=Integer.parseInt(jTextField2.getText());
marks3=Integer.parseInt(jTextField3.getText());
marks4=Integer.parseInt(jTextField4.getText());
marks5=Integer.parseInt(jTextField5.getText());
total=marks1+marks2+marks3+marks4+marks5;
percentage=total/5;
if(jCheckBox1.isSelected()==true)
{
    percentage=percentage+2;
}
jLabel6.setText("Percentage : "+percentage);
```

114.

Calculate Total Bill as cost of pen * number of pens
Special Customer will get a discount of 5 percent

Enter cost of single pen

Enter number of pens

☒ Special Customer

Total is : 190.0

Coding for Calculate Button

```
int cost,noofpens;
double total=0;
cost=Integer.parseInt(jTextField1.getText());
noofpens=Integer.parseInt(jTextField2.getText());
total=cost*noofpens;
if(jCheckBox1.isSelected()==true)
{
    total=total-(0.05*total);
}
jLabel3.setText("Total is : " + total);
```

115.

Calculate Total Bill as Number of Bikes purchased * Bike Price

Splendor - 50000
 Platina - 45000
 Pulsar – 40000

Special Customer will get a discount of 5000

Enter number of bikes

☐ Splendor
 ☒ Platina
 ☐ Pulsar

☒ Special Customer

Total is : 220000.0

Coding for Calculate Button

```
int noofbikes;
double total=0;
noofbikes=Integer.parseInt(jTextField1.getText());
if(jRadioButton1.isSelected()==true)
{
    total=50000*noofbikes;
}
if(jRadioButton2.isSelected()==true)
{
    total=45000*noofbikes;
}
if(jRadioButton3.isSelected()==true)
{
    total=40000*noofbikes;
}
if(jCheckBox1.isSelected()==true)
{
    total=total-5000;
}
jLabel2.setText("Total is : " + total);
```

116.

Calculate Discount as

Credit Card – 20%

Cheque – 15%

Cash – 10%

Example of ComboBox Control

The image shows a Java Swing window with a light gray background. At the top, there are two labels: 'Enter Amount' and 'Enter Mode of Payment'. Below 'Enter Amount' is a text field containing the number '1000'. Below 'Enter Mode of Payment' is a JComboBox control with 'Credit Card' selected and a downward arrow. In the center, there is a 'Calculate' button. At the bottom, there is a label that reads 'Discount is : 200.0'.

Coding for Calculate Button

```
int amount;  
double discount=0;  
amount=Integer.parseInt(jTextField1.getText());  
if(jComboBox1.getSelectedIndex()==0)  
{  
    discount=0.2f*amount;  
}  
if(jComboBox1.getSelectedIndex()==1)  
{  
    discount=0.15f*amount;  
}  
if(jComboBox1.getSelectedIndex()==2)  
{  
    discount=0.1f*amount;  
}  
jLabel3.setText("Discount is : " + discount);
```

117.

Calculate Simple Interest as $(\text{principal} \times \text{rate} \times \text{time}) / 100$

rate is selected as combobox

Rate = 3 or 4 or 5

Enter principal Amount 1000

Rate of Interest 3 ▼

Enter Time in Years 5

Calculate

Simpel Interest is : 150.0

Coding for Calculate Button

```
int p=0,r=0,t=0;
double si=0;
p=Integer.parseInt(jTextField1.getText());
if(jComboBox1.getSelectedIndex()==0)
{
r=3;
}
if(jComboBox1.getSelectedIndex()==1)
{
r=4;
}
if(jComboBox1.getSelectedIndex()==2)
{
r=5;
}
t=Integer.parseInt(jTextField2.getText());
si=(p*r*t)/100;
jLabel4.setText("Simpel Interest is : " +si);
```

118.

Calculate Simple Interest as $(\text{principal} \times \text{rate} \times \text{time}) / 100$

rate is 3 or 4 or 5 based on radio buttons

time is 5 or 10 or 15 based on combobox

Enter principal Amount 1000

Enter Rate ☐ 3 ☒ 4 ☐ 5

Enter Time in Years 5

Calculate

Simple Interest is : 200.0

Coding for Calculate Button

```
int p=0,r=0,t=0;
double si=0;
p=Integer.parseInt(jTextField1.getText());
if(jRadioButton1.isSelected()==true)
{
    r=3;
}
if(jRadioButton2.isSelected()==true)
{
    r=4;
}
if(jRadioButton3.isSelected()==true)
{
    r=4;
}
if(jComboBox1.getSelectedIndex()==0)
{
    t=5;
}
if(jComboBox1.getSelectedIndex()==1)
{
    t=10;
}
if(jComboBox1.getSelectedIndex()==2)
{
    t=15;
}
```

```
si=(p*r*t)/100;  
jLabel4.setText("Simple Interest is : " + si);
```