

Visiting card

```
<?xml version="1.0" encoding="utf-8"?>
<androidx.constraintlayout.widget.ConstraintLayout
xmlns:android="http://schemas.android.com/apk/res/android"
xmlns:app="http://schemas.android.com/apk/res-auto"
xmlns:tools="http://schemas.android.com/tools"
android:layout_width="match_parent"
android:layout_height="match_parent"
android:background="#090000"
tools:context=".MainActivity">

<androidx.cardview.widget.CardView
    android:id="@+id/cardView"
    android:layout_width="match_parent"
    android:layout_height="wrap_content" />

<androidx.cardview.widget.CardView
    android:layout_width="match_parent"
    android:layout_height="wrap_content" />

<TextView
    android:id="@+id/textView4"
    android:layout_width="250dp"
    android:layout_height="59dp"
    android:background="#F68E87"
    android:text="CLOTHINA"
    android:textAlignment="center"
    android:textColor="#AD1457"
    android:textSize="34sp"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintHorizontal_bias="0.144"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toTopOf="parent"
    app:layout_constraintVertical_bias="0.043" />

<TextView
    android:id="@+id/textView5"
    android:layout_width="223dp"
    android:layout_height="25dp"
    android:background="#D56161"
    android:text="geetha sree"
```

```
android:textAlignment="center"
android:textColor="#FAF5F5"
android:textSize="20sp"
app:layout_constraintBottom_toBottomOf="parent"
app:layout_constraintEnd_toEndOf="parent"
app:layout_constraintHorizontal_bias="0.34"
app:layout_constraintStart_toStartOf="parent"
app:layout_constraintTop_toTopOf="parent"
app:layout_constraintVertical_bias="0.344" />
```

<TextView

```
android:id="@+id/textView7"
android:layout_width="163dp"
android:layout_height="19dp"
android:background="#F1C9D7"
android:text="FASHION DESIGNER"
android:textAlignment="center"
android:textColor="#FF5722"
android:textSize="16sp"
app:layout_constraintBottom_toBottomOf="parent"
app:layout_constraintEnd_toEndOf="parent"
app:layout_constraintHorizontal_bias="0.439"
app:layout_constraintStart_toStartOf="parent"
app:layout_constraintTop_toTopOf="parent"
app:layout_constraintVertical_bias="0.4" />
```

<TextView

```
android:id="@+id/textView8"
android:layout_width="345dp"
android:layout_height="115dp"
android:background="#FBD7D7"
android:text="ADDRESS : CLOTHINA , \nFASHION SQUARE 2 ND FLOOR MG NAGAR BANGALORE -
560100 \n EMAIL ID : sofiyaclothina@gmail.com \nwww.clothina@fashionboutique"
android:textAlignment="gravity"
android:textColor="#F44336"
android:textSize="16sp"
app:layout_constraintBottom_toBottomOf="parent"
app:layout_constraintEnd_toEndOf="parent"
app:layout_constraintStart_toStartOf="parent"
app:layout_constraintTop_toTopOf="parent"
app:layout_constraintVertical_bias="0.748" />
```

<ImageView

```
android:id="@+id/imageView"
```

```

    android:layout_width="130dp"
    android:layout_height="99dp"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintHorizontal_bias="0.484"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toTopOf="parent"
    app:layout_constraintVertical_bias="0.179"
    app:srcCompat="@drawable/pic" />

```

<ImageView

```

    android:id="@+id/imageView2"
    android:layout_width="88dp"
    android:layout_height="108dp"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintHorizontal_bias="0.992"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toTopOf="parent"
    app:layout_constraintVertical_bias="0.0"
    app:srcCompat="@drawable/pic2" />

```

<TextView

```

    android:id="@+id/textView"
    android:layout_width="294dp"
    android:layout_height="35dp"
    android:background="#F3C9D7"
    android:text="CONTACT NUMBER : 767676537653 \n"
    android:textColor="#F44336"
    android:textSize="16sp"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toTopOf="parent" />

```

</androidx.constraintlayout.widget.ConstraintLayout>

Buisness app

```

<?xml version="1.0" encoding="utf-8"?>
<androidx.constraintlayout.widget.ConstraintLayout
    xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:app="http://schemas.android.com/apk/res-auto"
    xmlns:tools="http://schemas.android.com/tools"

```

```
android:layout_width="match_parent"
android:layout_height="match_parent"
tools:context=".MainActivity">
```

<TextView

```
    android:id="@+id/textView"
    android:layout_width="468dp"
    android:layout_height="176dp"
    android:rotationX="17"
    android:rotationY="4"
    android:text="@string/munch"
    android:textAlignment="center"
    android:textColor="#300101"
    android:textSize="50sp"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toTopOf="parent"
    app:layout_constraintVertical_bias="0.096" />
```

<ImageView

```
    android:id="@+id/imageView"
    android:layout_width="435dp"
    android:layout_height="181dp"
    android:contentDescription="@string/todo"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toTopOf="parent"
    app:layout_constraintVertical_bias="0.313"
    app:srcCompat="@drawable/tango" />
```

<TextView

```
    android:id="@+id/textView2"
    android:layout_width="756dp"
    android:layout_height="131dp"
    android:text="Munch is a canteen in new horizon college of engineering.This is a place where
students like to spend their time during lunch break and in their free time by having food."
    android:textAlignment="center"
    android:textColor="#78909C"
    android:textSize="20sp"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintHorizontal_bias="0.462"
```

```
app:layout_constraintStart_toStartOf="parent"
app:layout_constraintTop_toTopOf="parent"
app:layout_constraintVertical_bias="0.732" />
```

<TextView

```
android:id="@+id/textView4"
android:layout_width="424dp"
android:layout_height="52dp"
android:text="@string/description"
android:textAlignment="center"
android:textColor="#757575"
android:textSize="20sp"
app:layout_constraintBottom_toBottomOf="parent"
app:layout_constraintEnd_toEndOf="parent"
app:layout_constraintHorizontal_bias="0.472"
app:layout_constraintStart_toStartOf="parent"
app:layout_constraintTop_toTopOf="parent"
app:layout_constraintVertical_bias="0.596" />
```

<EditText

```
android:id="@+id/editTextTextEmailAddress"
android:layout_width="wrap_content"
android:layout_height="wrap_content"
android:ems="10"
android:inputType="textEmailAddress"
android:minHeight="48dp"
android:text="ranjitha754@gmail.com"
android:textAlignment="center"
app:layout_constraintBottom_toBottomOf="parent"
app:layout_constraintEnd_toEndOf="parent"
app:layout_constraintHorizontal_bias="0.107"
app:layout_constraintStart_toStartOf="parent"
app:layout_constraintTop_toTopOf="parent"
app:layout_constraintVertical_bias="0.908" />
```

<TextView

```
android:id="@+id/textView3"
android:layout_width="wrap_content"
android:layout_height="wrap_content"
android:layout_marginBottom="16dp"
android:text="num:961124445"
app:layout_constraintBottom_toBottomOf="parent"
app:layout_constraintEnd_toEndOf="parent"
app:layout_constraintHorizontal_bias="0.194"
```

```
app:layout_constraintStart_toStartOf="parent" />
```

```
</androidx.constraintlayout.widget.ConstraintLayout>
```

Calculator

```
<?xml version="1.0" encoding="utf-8"?>
<androidx.constraintlayout.widget.ConstraintLayout xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:app="http://schemas.android.com/apk/res-auto"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:background="#9DDCD6"
    tools:context=".MainActivity">

    <TextView
        android:id="@+id/textView2"
        android:layout_width="320dp"
        android:layout_height="61dp"
        android:background="@color/purple_700"
        android:text=" Calculator"
        android:textAlignment="center"
        android:textColor="#CDEACA"
        android:textSize="48sp"
        android:textStyle="bold | italic"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintHorizontal_bias="0.434"
        app:layout_constraintLeft_toLeftOf="parent"
        app:layout_constraintRight_toRightOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.071" />

    <Button
        android:id="@+id/ADD"
        android:layout_width="114dp"
        android:layout_height="61dp"
        android:text="ADD"
        android:textSize="24sp"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.131"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.574" />

    <Button
        android:id="@+id/SUB"
        android:layout_width="96dp"
        android:layout_height="69dp"
        android:text="SUB"
        android:textSize="24sp"
        app:layout_constraintBottom_toBottomOf="parent"
```

```
app:layout_constraintEnd_toEndOf="parent"
app:layout_constraintHorizontal_bias="0.888"
app:layout_constraintStart_toStartOf="parent"
app:layout_constraintTop_toTopOf="parent"
app:layout_constraintVertical_bias="0.581"
tools:ignore="MissingConstraints" />
```

<Button

```
android:id="@+id/MUL"
android:layout_width="104dp"
android:layout_height="60dp"
android:text="MUL"
android:textSize="24sp"
app:layout_constraintBottom_toBottomOf="parent"
app:layout_constraintEnd_toEndOf="parent"
app:layout_constraintHorizontal_bias="0.159"
app:layout_constraintStart_toStartOf="parent"
app:layout_constraintTop_toTopOf="parent"
app:layout_constraintVertical_bias="0.758"
tools:ignore="MissingConstraints" />
```

<Button

```
android:id="@+id/DIV"
android:layout_width="102dp"
android:layout_height="60dp"
android:text="DIV"
android:textSize="24sp"
app:layout_constraintBottom_toBottomOf="parent"
app:layout_constraintEnd_toEndOf="parent"
app:layout_constraintHorizontal_bias="0.886"
app:layout_constraintStart_toStartOf="parent"
app:layout_constraintTop_toTopOf="parent"
app:layout_constraintVertical_bias="0.758"
tools:ignore="MissingConstraints" />
```

<EditText

```
android:id="@+id/t1"
android:layout_width="wrap_content"
android:layout_height="wrap_content"
android:backgroundTint="#07F411"
android:ems="10"
android:hint="Enter T1 : "
android:inputType="textPersonName"
android:textSize="24sp"
app:layout_constraintBottom_toBottomOf="parent"
app:layout_constraintEnd_toEndOf="parent"
app:layout_constraintHorizontal_bias="0.21"
app:layout_constraintStart_toStartOf="parent"
app:layout_constraintTop_toTopOf="parent"
app:layout_constraintVertical_bias="0.24"
tools:ignore="MissingConstraints" />
```

<EditText

```
android:id="@+id/t2"
```

```

        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:backgroundTint="#04F60E"
        android:ems="10"
        android:hint="Enter T2 : "
        android:inputType="textPersonName"
        android:textSize="24sp"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.21"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.367"
        tools:ignore="MissingConstraints" />

```

```
<EditText
```

```

    android:id="@+id/res"
    android:layout_width="337dp"
    android:layout_height="78dp"
    android:ems="10"
    android:hint="Result"
    android:inputType="textPersonName"
    android:textSize="24sp"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintHorizontal_bias="0.586"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toTopOf="parent"
    app:layout_constraintVertical_bias="0.912"
    tools:ignore="MissingConstraints" />

```

```
</androidx.constraintlayout.widget.ConstraintLayout>
```

```
package com.example.simplecalci;
```

```
import androidx.appcompat.app.AppCompatActivity;
```

```
import android.os.Bundle;
```

```
import android.view.View;
```

```
import android.widget.Button;
```

```
import android.widget.EditText;
```

```
import android.widget.TextView;
```

```
public class MainActivity extends AppCompatActivity {
```

```
    EditText t1,t2,t3;
```

```
    Button ADD,SUB,MUL,DIV;
```

```
    @Override
```

```
    protected void onCreate(Bundle savedInstanceState) {
```

```
        super.onCreate(savedInstanceState);
```

```
        setContentView(R.layout.activity_main);
```

```
        t1 = (EditText) findViewById(R.id.t1);
```

```
        t2 = (EditText) findViewById(R.id.t2);
```

```
        t3 = (EditText) findViewById(R.id.res);
```



```

ADD = (Button) findViewById(R.id.ADD);
SUB = (Button) findViewById(R.id.SUB);
MUL = (Button) findViewById(R.id.MUL);
DIV = (Button) findViewById(R.id.DIV);

ADD.setOnClickListener(new View.OnClickListener() {
    @Override
    public void onClick(View v) {
        String v1 = t1.getText().toString();
        String v2 = t2.getText().toString();
        int a = Integer.parseInt(v1);
        int b = Integer.parseInt(v2);
        int c = a + b;
        t3.setText("Result=" + c);
    }
});

SUB.setOnClickListener(new View.OnClickListener() {
    public void onClick(View v) {
        String v1 = t1.getText().toString();
        String v2 = t2.getText().toString();
        int a = Integer.parseInt(v1);
        int b = Integer.parseInt(v2);
        int c = a - b;
        t3.setText("Result=" + c);
    }
});

MUL.setOnClickListener(new View.OnClickListener() {
    public void onClick(View v) {
        String v1 = t1.getText().toString();
        String v2 = t2.getText().toString();
        int a = Integer.parseInt(v1);
        int b = Integer.parseInt(v2);
        int c = a * b;
        t3.setText("Result=" + c);
    }
});

DIV.setOnClickListener(new View.OnClickListener() {
    public void onClick(View v) {
        String v1 = t1.getText().toString();
        String v2 = t2.getText().toString();
        int a = Integer.parseInt(v1);
        int b = Integer.parseInt(v2);
        if(b!=0){
            int c = a / b;
            t3.setText("Result=" + c);
        }
        else
            t3.setText("Result=" + " Infinity");
    }
});
}
}

```

Unit convertor

```
<?xml version="1.0" encoding="utf-8"?>
<androidx.constraintlayout.widget.ConstraintLayout xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:app="http://schemas.android.com/apk/res-auto"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:background="#F1F2F3"
    android:backgroundTint="#B9F3E4"
    tools:context=".MainActivity">

    <TextView
        android:id="@+id/textView"
        android:layout_width="329dp"
        android:layout_height="64dp"
        android:fontFamily="cursive"
        android:text="Unit converter"
        android:textAlignment="center"
        android:textColor="#10EAC5"
        android:textSize="48sp"
        android:textStyle="bold"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintLeft_toLeftOf="parent"
        app:layout_constraintRight_toRightOf="parent"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.06" />
```

```
<RadioGroup
    android:id="@+id/radioGroup"
    android:layout_width="224dp"
    android:layout_height="241dp"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintHorizontal_bias="0.631"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toBottomOf="@+id/textView"
    app:layout_constraintVertical_bias="0.365">
```

```
<RadioButton
    android:id="@+id/r1"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:text="CM to M"
    android:textColor="#EC1085"
    android:textSize="24sp"
    android:textStyle="italic" />
```

```
<RadioButton
    android:id="@+id/r2"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:text="M to CM"
    android:textColor="#F40B88"
    android:textSize="24sp"
    android:textStyle="italic" />
```

```
<RadioButton
    android:id="@+id/r3"
    android:layout_width="184dp"
    android:layout_height="wrap_content"
    android:text="Feet to Inch"
    android:textColor="#F8188F"
    android:textSize="24sp"
    android:textStyle="italic" />
```

```
<RadioButton
    android:id="@+id/r4"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:text="Inch to Feet"
    android:textColor="#EC1788"
    android:textSize="24sp"
    android:textStyle="italic" />
```

```
</RadioGroup>
```

```
<TextView
    android:id="@+id/res"
    android:layout_width="168dp"
    android:layout_height="42dp"
    android:textColor="#8441D6"
    android:textSize="20sp"
```

```
    android:textStyle="bold"
    app:layout_constraintBottom_toTopOf="@+id/radioGroup"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintHorizontal_bias="0.941"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toBottomOf="@+id/textView"
    app:layout_constraintVertical_bias="0.495" />
```

<TextView

```
    android:id="@+id/ans"
    android:layout_width="225dp"
    android:layout_height="57dp"
    android:textAlignment="center"
    android:textColor="#7E2CE1"
    android:textSize="20sp"
    android:textStyle="bold"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toBottomOf="@+id/radioGroup" />
```

<Button

```
    android:id="@+id/button1"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="CONVERT"
    android:textAlignment="center"
    app:layout_constraintBottom_toTopOf="@+id/ans"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintHorizontal_bias="0.498"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toBottomOf="@+id/radioGroup"
    app:layout_constraintVertical_bias="0.421" />
```

<EditText

```
    android:id="@+id/input1"
    android:layout_width="153dp"
    android:layout_height="48dp"
    android:ems="10"
    android:hint="Enter unit"
    android:inputType="number"
    android:textColor="#F33A3A"
    android:textSize="20sp"
    app:layout_constraintBottom_toTopOf="@+id/radioGroup"
    app:layout_constraintEnd_toStartOf="@+id/res"
    app:layout_constraintHorizontal_bias="1.0"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toBottomOf="@+id/textView"
    app:layout_constraintVertical_bias="0.462" />
```

```
</androidx.constraintlayout.widget.ConstraintLayout>
```

```
package com.example.unit_conversion;
```

```
import androidx.appcompat.app.AppCompatActivity;
```

```

import android.os.Bundle;
import android.provider.MediaStore;
import android.view.View;
import android.widget.Button;
import android.widget.EditText;
import android.widget.RadioButton;
import android.widget.TextView;
import android.widget.Toast;

import org.w3c.dom.Text;

public class MainActivity extends AppCompatActivity {
    EditText t1;
    TextView a1,a2;
    RadioButton r1,r2,r3,r4;
    Button b1;
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);

        t1=(EditText) findViewById(R.id.input1);
        a1=(TextView) findViewById(R.id.res);
        a2=(TextView) findViewById(R.id.ans);
        r1=(RadioButton) findViewById(R.id.r1);
        r2=(RadioButton) findViewById(R.id.r2);
        r3=(RadioButton) findViewById(R.id.r3);
        r4=(RadioButton) findViewById(R.id.r4);
        b1=(Button) findViewById(R.id.button1);

        b1.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {
                String a=t1.getText().toString();
                float m=Float.parseFloat(a);
                float ans1;
                if(r1.isChecked())
                {
                    ans1=m/100;
                    a1.setText("Result="+ans1);
                    a2.setText(m+"cm="+ans1+"m");
                }
                else if(r2.isChecked())
                {
                    ans1=m*100;
                    a1.setText("Result="+ans1);
                    a2.setText(m+"m="+ans1+"cm");
                }
                else if(r3.isChecked())
                {
                    ans1=m*12;
                    a1.setText("Result="+ans1);
                    a2.setText(m+"feet="+ans1+"inch");
                }
            }
        });
    }
}

```

```

    }
    else if(r4.isChecked())
    {
        ans1=m/12;
        a1.setText("Result="+ans1);
        a2.setText(m+"inch="+ans1+"feet");
    }
    else
        Toast.makeText(MainActivity.this, "Choose any one radio button",Toast.LENGTH_SHORT).show();
    }
    });
}
}
}

```

Currency converter

```

<?xml version="1.0" encoding="utf-8"?>
<androidx.constraintlayout.widget.ConstraintLayout xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:app="http://schemas.android.com/apk/res-auto"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:background="@drawable/b4"
    tools:context=".MainActivity">

    <TextView
        android:id="@+id/textView"
        android:layout_width="380dp"
        android:layout_height="65dp"
        android:fontFamily="cursive"
        android:text="Currency converter"
        android:textAlignment="center"
        android:textColor="#8128EF"
        android:textSize="48sp"
        android:textStyle="bold"
        app:layout_constraintBottom_toBottomOf="parent"
    >

```

```
app:layout_constraintEnd_toEndOf="parent"
app:layout_constraintLeft_toLeftOf="parent"
app:layout_constraintRight_toRightOf="parent"
app:layout_constraintStart_toStartOf="parent"
app:layout_constraintTop_toTopOf="parent"
app:layout_constraintVertical_bias="0.06" />
```

<TextView

```
android:id="@+id/ans"
android:layout_width="244dp"
android:layout_height="53dp"
android:layout_marginBottom="88dp"
android:textAlignment="center"
android:textColor="#E1288A"
android:textSize="24sp"
android:textStyle="bold"
app:layout_constraintBottom_toBottomOf="parent"
app:layout_constraintEnd_toEndOf="parent"
app:layout_constraintHorizontal_bias="0.532"
app:layout_constraintStart_toStartOf="parent"
app:layout_constraintTop_toBottomOf="@+id/textView"
app:layout_constraintVertical_bias="0.981" />
```

<Button

```
android:id="@+id/button1"
android:layout_width="wrap_content"
android:layout_height="wrap_content"
android:text="CONVERT"
android:textAlignment="center"
app:layout_constraintBottom_toTopOf="@+id/ans"
app:layout_constraintEnd_toEndOf="parent"
app:layout_constraintHorizontal_bias="0.498"
app:layout_constraintStart_toStartOf="parent"
app:layout_constraintTop_toBottomOf="@+id/textView"
app:layout_constraintVertical_bias="0.928" />
```

<EditText

```
android:id="@+id/input1"
android:layout_width="153dp"
android:layout_height="48dp"
android:ems="10"
android:hint="Enter unit"
android:inputType="number"
android:textColor="#F33A3A"
android:textSize="24sp"
app:layout_constraintBottom_toBottomOf="parent"
app:layout_constraintStart_toStartOf="parent"
app:layout_constraintTop_toBottomOf="@+id/textView"
app:layout_constraintVertical_bias="0.122" />
```

<Spinner

```
android:id="@+id/spinner1"
android:layout_width="234dp"
android:layout_height="52dp"
```

```

        android:background="#CF9F7A"
        android:entries="@array/choice"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent" />

</androidx.constraintlayout.widget.ConstraintLayout>

package com.example.currency;

import androidx.appcompat.app.AppCompatActivity;

import android.os.Bundle;
import android.view.View;
import android.widget.Button;
import android.widget.EditText;
import android.widget.Spinner;
import android.widget.TextView;
import android.widget.Toast;

public class MainActivity extends AppCompatActivity {
    EditText t1;
    TextView v1,v2;
    Button b1;
    Spinner s1;
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);

        t1=(EditText) findViewById(R.id.input1);

        v2=(TextView) findViewById(R.id.ans);
        b1=(Button) findViewById(R.id.button1);
        s1=(Spinner) findViewById(R.id.spinner1);

        b1.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {
                String a=t1.getText().toString();
                float rup=Float.parseFloat(a);
                int x=s1.getSelectedItemPosition();
                double num1=0;
                if(x==1)
                {
                    num1=rup/74.77;

                    v2.setText(rup+"rupees="+num1+"dollars");
                }
                else if(x==2)
                {
                    num1=rup*74.77;

                    v2.setText(rup+"dollars="+num1+"rupees");
                }
            }
        });
    }
}

```



```

    }
    else if(x==3)
    {
        num1=rup/0.66;

        v2.setText(rup+"rupees="+num1+"yen");
    }
    else if(x==4)
    {
        num1=rup*0.66;

        v2.setText(rup+"yen="+num1+"rupees");
    }
    else if(x==5)
    {
        num1=rup/0.064;

        v2.setText(rup+"rupees="+num1+"Korean Won");
    }
    else if(x==6)
    {
        num1=rup*0.064;
        v2.setText(rup+"Korean Won="+num1+"rupees");
    }
    else
        Toast.makeText(MainActivity.this,"Select from spinner",Toast.LENGTH_SHORT).show();
    }
    });
}
}

<resources>
    <string name="app_name">Currency converter</string>
    <string-array name="choice">
        <item>Select</item>
        <item>Rupee to dollar</item>
        <item>Dollar to Rupee</item>
        <item>Rupee to Yen</item>
        <item>Yen to Rupee</item>
        <item>Rupee to Korean Won</item>
        <item>Korean Won to Rupee</item>
    </string-array>
</resources>

```

Login page

```

<?xml version="1.0" encoding="utf-8"?>
<androidx.constraintlayout.widget.ConstraintLayout
xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:app="http://schemas.android.com/apk/res-auto"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"

```

```
android:layout_height="match_parent"
android:background="@drawable/img"
tools:context=".MainActivity">
```

<TextView

```
    android:id="@+id/textView"
    android:layout_width="298dp"
    android:layout_height="84dp"
    android:text="LOGIN PAGE"
    android:textAlignment="center"
    android:textColor="#077DC5"
    android:textSize="48sp"
    android:textStyle="bold"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintHorizontal_bias="0.496"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toTopOf="parent"
    app:layout_constraintVertical_bias="0.073" />
```

<EditText

```
    android:id="@+id/editTextTextPersonName"
    android:layout_width="263dp"
    android:layout_height="65dp"
    android:ems="10"
    android:hint="USER ID"
    android:inputType="textPersonName"
    android:textAlignment="center"
    android:textAllCaps="false"
    android:textColor="#035023"
    android:textColorHint="#07130C"
    android:textStyle="bold"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintHorizontal_bias="0.459"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toTopOf="parent" />
```

<Button

```
    android:id="@+id/button"
    android:layout_width="219dp"
    android:layout_height="68dp"

    android:background="@drawable/img"
```

```
android:backgroundTint="#E66262"
android:backgroundTintMode="add"
android:text="LOGIN IN"
android:textColor="#EDC5A7"
android:textColorLink="#C38686"
app:layout_constraintBottom_toBottomOf="parent"
app:layout_constraintEnd_toEndOf="parent"
app:layout_constraintStart_toStartOf="parent"
app:layout_constraintTop_toTopOf="parent"
app:layout_constraintVertical_bias="0.806" />
```

<EditText

```
android:id="@+id/editTextTextPassword"
android:layout_width="257dp"
android:layout_height="61dp"
android:ems="10"
android:hint="PASSWORD"
android:inputType="textPassword"
android:textAlignment="center"
android:textAllCaps="true"
android:textColorHint="#030905"
android:textStyle="bold"
app:layout_constraintBottom_toBottomOf="parent"
app:layout_constraintEnd_toEndOf="parent"
app:layout_constraintStart_toStartOf="parent"
app:layout_constraintTop_toTopOf="parent"
app:layout_constraintVertical_bias="0.641" />
```

<ImageView

```
android:id="@+id/imageView"
android:layout_width="149dp"
android:layout_height="139dp"
app:layout_constraintBottom_toBottomOf="parent"
app:layout_constraintEnd_toEndOf="parent"
app:layout_constraintStart_toStartOf="parent"
app:layout_constraintTop_toTopOf="parent"
app:layout_constraintVertical_bias="0.261"
app:srcCompat="@drawable/img_1" />
```

```
</androidx.constraintlayout.widget.ConstraintLayout>
```

```
main activity.java
```

```
package com.example.loginpage;
```

```
import androidx.appcompat.app.AppCompatActivity;
```

```

import android.content.Intent;
import android.os.Bundle;
import android.view.View;
import android.widget.Button;
import android.widget.EditText;
import android.widget.Toast;

import com.example.loginpage.R;
import com.example.loginpage.Welcome;

public class MainActivity extends AppCompatActivity {

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);
        EditText uid,pwd;
        Button login;
        uid=(EditText) findViewById(R.id.editTextTextPersonName);
        pwd=(EditText) findViewById(R.id.editTextTextPassword);
        login=(Button) findViewById(R.id.button);
        login.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {
                if(uid.getText().toString().equals("Priyadharshini") && pwd.getText().toString().equals("1NH18CS144"))
                {

                    Toast.makeText(getApplicationContext(), "LOGIN SUCCESSFULL", Toast.LENGTH_SHORT).show();
                    Intent i=new Intent(getApplicationContext(), Welcome.class);
                    i.putExtra("USERNAME",uid.getText().toString());
                    startActivity(i);
                }
                else
                Toast.makeText(getApplicationContext(), "THE USER ID OR PASSWORD IS INCORRECT",
                Toast.LENGTH_SHORT).show();

            }
        });
    }
}
activity_welcome.xml

```

```
<?xml version="1.0" encoding="utf-8"?>
<androidx.constraintlayout.widget.ConstraintLayout
xmlns:android="http://schemas.android.com/apk/res/android"
xmlns:app="http://schemas.android.com/apk/res-auto"
xmlns:tools="http://schemas.android.com/tools"
android:layout_width="match_parent"
android:layout_height="match_parent"
android:background="@drawable/img"
tools:context=".Welcome">
```

<TextView

```
    android:id="@+id/textView2"
    android:layout_width="395dp"
    android:layout_height="265dp"
    android:textColor="#DD2C00"
    android:textSize="34sp"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintHorizontal_bias="0.542"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toTopOf="parent"
    app:layout_constraintVertical_bias="0.859" />
```

<ImageView

```
    android:id="@+id/imageView2"
    android:layout_width="392dp"
    android:layout_height="140dp"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintHorizontal_bias="0.653"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toTopOf="parent"
    app:layout_constraintVertical_bias="0.112"
    app:srcCompat="@drawable/img_2" />
```

```
</androidx.constraintlayout.widget.ConstraintLayout>
```

```
welcome.java
```

```
package com.example.loginpage;
```

```
import androidx.appcompat.app.AppCompatActivity;
```

```
import android.content.Intent;
```

```
import android.os.Bundle;
```

```
import android.widget.TextView;
```

```
import com.example.loginpage.R;

public class Welcome extends AppCompatActivity {
    TextView tv;
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_welcome);
        Bundle b1 = getIntent().getExtras();
        String s1 = b1.getString("USERNAME");
        TextView tv;
        tv=(TextView) findViewById(R.id.textView2);
        tv.setText("LOGIN SUCCESSFULL WELCOME :"+s1);
    }
}
```

Tourist