CALENDER

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"**

**tools:context=".MainActivity"**>

<**TextView**

**android:id="@+id/date\_view"**

**android:layout\_width="wrap\_content"**

**android:layout\_height="wrap\_content"**

**android:text="Set the Date"**

**android:textSize="30sp"**

**android:textStyle="bold"**

**app:layout\_constraintBottom\_toBottomOf="parent"**

**app:layout\_constraintHorizontal\_bias="0.532"**

**app:layout\_constraintLeft\_toLeftOf="parent"**

**app:layout\_constraintRight\_toRightOf="parent"**

**app:layout\_constraintTop\_toTopOf="parent"**

**app:layout\_constraintVertical\_bias="0.165"**

/>

<**CalendarView**

**android:id="@+id/calender"**

**android:layout\_width="wrap\_content"**

**android:layout\_height="wrap\_content"**

**app:layout\_constraintBottom\_toBottomOf="parent"**

**app:layout\_constraintEnd\_toEndOf="parent"**

**app:layout\_constraintStart\_toStartOf="parent"**

**app:layout\_constraintTop\_toBottomOf="@+id/date\_view"** />

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

JAVA:

**package** com.example.calender;

**import** androidx.annotation.NonNull;

**import** androidx.appcompat.app.AppCompatActivity;

**import** android.media.audiofx.Visualizer;

**import** android.os.Bundle;

**import** android.widget.CalendarView;

**import** android.widget.TextView;

**public class** MainActivity **extends** AppCompatActivity {

CalendarView **calendar**;

TextView **date\_view**;

@Override

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

**super**.onCreate(savedInstanceState);

setContentView(R.layout.***activity\_main***);

**calendar**=(CalendarView) findViewById(R.id.***calender***);

**date\_view**=(TextView) findViewById(R.id.***date\_view***);

**calendar**.setOnDateChangeListener(**new** CalendarView.OnDateChangeListener() {

@Override

**public void** onSelectedDayChange(@NonNull CalendarView view, **int** year, **int** month, **int** dayOfMonth) {

String Date = dayOfMonth + **"-"** + (month + 1) + **"-"** + year;

**date\_view**.setText(Date);

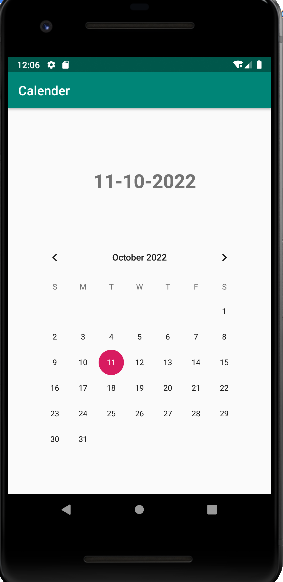
}

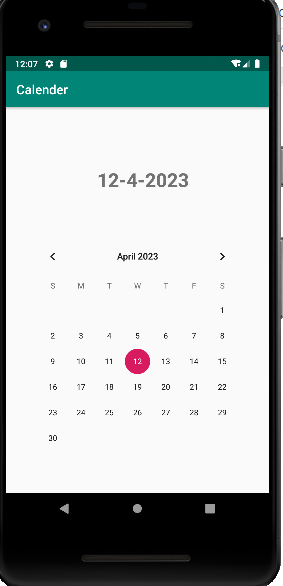
});

}

}

OUTPUT:





RATINGBAR

**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"**

**tools:context=".MainActivity">**

**<TextView**

**android:id="@+id/rate"**

**android:layout\_width="wrap\_content"**

**android:layout\_height="wrap\_content"**

**android:text="Rate the app!"**

**android:textSize="22sp"**

**app:layout\_constraintBottom\_toBottomOf="parent"**

**app:layout\_constraintLeft\_toLeftOf="parent"**

**app:layout\_constraintRight\_toRightOf="parent"**

**app:layout\_constraintTop\_toTopOf="parent"**

**app:layout\_constraintVertical\_bias="0.317" />**

**<RatingBar**

**android:id="@+id/ratingBar"**

**android:layout\_width="wrap\_content"**

**android:layout\_height="wrap\_content"**

**app:layout\_constraintBottom\_toBottomOf="parent"**

**app:layout\_constraintEnd\_toEndOf="parent"**

**app:layout\_constraintHorizontal\_bias="0.497"**

**app:layout\_constraintStart\_toStartOf="parent"**

**app:layout\_constraintTop\_toTopOf="parent"**

**app:layout\_constraintVertical\_bias="0.111" />**

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

**JAVA**

**package** com.example.ratingbar;

**import** androidx.appcompat.app.AppCompatActivity;

**import** android.os.Bundle;

**import** android.widget.RatingBar;

**import** android.widget.TextView;

**public class** MainActivity **extends** AppCompatActivity {

RatingBar **ratingbar**;

TextView **rate**;

@Override

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

**super**.onCreate(savedInstanceState);

setContentView(R.layout.***activity\_main***);

**ratingbar**=findViewById(R.id.***ratingBar***);

**rate**=findViewById(R.id.***rate***);

**ratingbar**.setOnRatingBarChangeListener(**new** RatingBar.OnRatingBarChangeListener() {

@Override

**public void** onRatingChanged(RatingBar ratingBar, **float** rating, **boolean** fromUser) {

**rate**.setText(String.*valueOf*(rating));

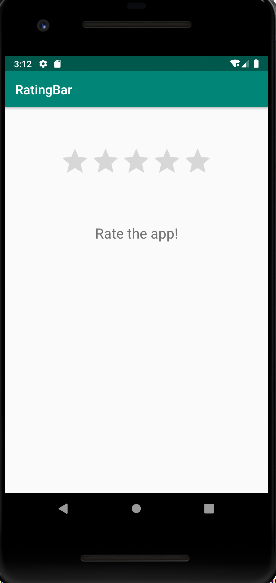
}

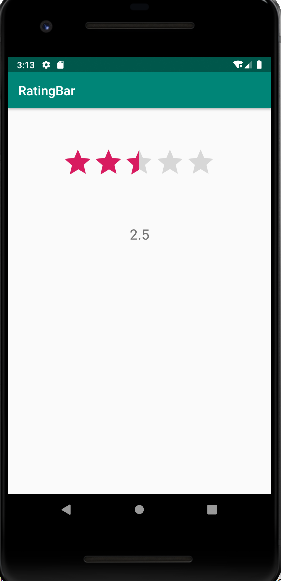
});

}

}

**OUTPUT:**

****

****

**LOGIN PAGE**

**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"**

**tools:context=".MainActivity"**>

<**EditText**

**android:id="@+id/editText3"**

**android:layout\_width="wrap\_content"**

**android:layout\_height="wrap\_content"**

**android:ems="10"**

**android:inputType="textEmailAddress"**

**android:hint="email"**

**app:layout\_constraintBottom\_toTopOf="@+id/editText4"**

**app:layout\_constraintEnd\_toEndOf="parent"**

**app:layout\_constraintStart\_toStartOf="parent"**

**app:layout\_constraintTop\_toTopOf="parent"** />

<**EditText**

**android:id="@+id/editText4"**

**android:layout\_width="wrap\_content"**

**android:layout\_height="wrap\_content"**

**android:layout\_marginBottom="116dp"**

**android:ems="10"**

**android:inputType="textPassword"**

**android:hint="password"**

**app:layout\_constraintBottom\_toTopOf="@+id/button"**

**app:layout\_constraintEnd\_toEndOf="parent"**

**app:layout\_constraintStart\_toStartOf="parent"** />

<**Button**

**android:id="@+id/button"**

**android:layout\_width="wrap\_content"**

**android:layout\_height="wrap\_content"**

**android:layout\_marginBottom="340dp"**

**android:text="LOGIN"**

**app:layout\_constraintBottom\_toBottomOf="parent"**

**app:layout\_constraintEnd\_toEndOf="parent"**

**app:layout\_constraintHorizontal\_bias="0.498"**

**app:layout\_constraintStart\_toStartOf="parent"** />

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

JAVA

**package** com.example.loginpage;

**import** androidx.appcompat.app.AppCompatActivity;

**import** android.os.Bundle;

**import** android.view.View;

**import** android.widget.Button;

**import** android.widget.EditText;

**import** android.widget.Toast;

**public class** MainActivity **extends** AppCompatActivity {

EditText **edit**;

EditText **edit2**;

Button **button**;

@Override

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

**super**.onCreate(savedInstanceState);

setContentView(R.layout.***activity\_main***);

**edit**=findViewById(R.id.***editText3***);

**edit2**=findViewById(R.id.***editText4***);

**button**=findViewById(R.id.***button***);

**button**.setOnClickListener(**new** View.OnClickListener() {

@Override

**public void** onClick(View v) {

**if**(**edit**.getText().toString().equals(**"admin"**) && **edit2**.getText().toString().equals(**"admin"**) )

{

Toast.*makeText*(MainActivity.**this**, **"logged in"**, Toast.***LENGTH\_LONG***).show();

}

**else**

{

Toast.*makeText*(MainActivity.**this**, **" Wrong email or password"**, Toast.***LENGTH\_LONG***).show();

}

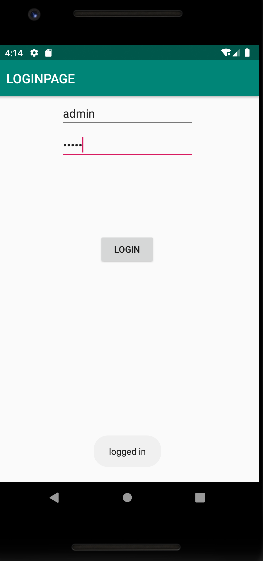
}

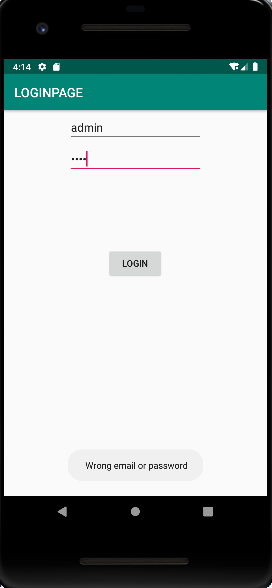
});

}

}

OUTPUT





**VALIDATION**

**ACTIVITYMAIN.XML**

*<?***xml version="1.0" encoding="utf-8"***?>*

<**LinearLayout**

**xmlns:android="http://schemas.android.com/apk/res/android"**

**xmlns:tools="http://schemas.android.com/tools"**

**android:layout\_width="match\_parent"**

**android:layout\_height="match\_parent"**

**android:orientation="vertical"**

**tools:context=".MainActivity"**

**tools:ignore="HardcodedText"**>

<**EditText**

**android:id="@+id/firstName"**

**android:layout\_width="match\_parent"**

**android:layout\_height="wrap\_content"**

**android:layout\_marginStart="16dp"**

**android:layout\_marginTop="16dp"**

**android:layout\_marginEnd="16dp"**

**android:hint="First Name"**

**android:inputType="text"** />

<**EditText**

**android:id="@+id/lastName"**

**android:layout\_width="match\_parent"**

**android:layout\_height="wrap\_content"**

**android:layout\_marginStart="16dp"**

**android:layout\_marginTop="16dp"**

**android:layout\_marginEnd="16dp"**

**android:hint="Last Name"**

**android:inputType="text"** />

<**EditText**

**android:id="@+id/email"**

**android:layout\_width="match\_parent"**

**android:layout\_height="wrap\_content"**

**android:layout\_marginStart="16dp"**

**android:layout\_marginTop="16dp"**

**android:layout\_marginEnd="16dp"**

**android:hint="Email"**

**android:inputType="textEmailAddress"** />

<**EditText**

**android:id="@+id/password"**

**android:layout\_width="match\_parent"**

**android:layout\_height="wrap\_content"**

**android:layout\_marginStart="16dp"**

**android:layout\_marginTop="16dp"**

**android:layout\_marginEnd="16dp"**

**android:hint="Password"**

**android:inputType="textPassword"** />

<**LinearLayout**

**android:layout\_width="match\_parent"**

**android:layout\_height="wrap\_content"**

**android:layout\_marginTop="8dp"**

**android:gravity="end"**

**android:orientation="horizontal"**>

<**Button**

**android:id="@+id/cancelButton"**

**android:layout\_width="wrap\_content"**

**android:layout\_height="wrap\_content"**

**android:layout\_marginEnd="4dp"**

**android:text="CANCEL"**

**android:textColor="@color/colorPrimary"**

**android:layout\_marginRight="4dp"** />

<**Button**

**android:id="@+id/proceedButton"**

**android:layout\_width="wrap\_content"**

**android:layout\_height="wrap\_content"**

**android:layout\_marginEnd="16dp"**

**android:backgroundTint="@color/colorPrimary"**

**android:text="PROCEED"**

**android:textColor="@android:color/white"**

**tools:ignore="ButtonStyle"**

**android:layout\_marginRight="16dp"** />

</**LinearLayout**>

</**LinearLayout**>

**MainActivity.java**

**package com.example.validationform;**

**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;**

**public class MainActivity extends AppCompatActivity {**

**Button bCancel, bProceed;**

**EditText etFirstName, etLastName, etEmail, etPassword;**

**boolean isAllFieldsChecked=false;**

**@Override**

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

**super.onCreate(savedInstanceState);**

**setContentView(R.layout.*activity\_main*);**

**bProceed = findViewById(R.id.*proceedButton*);**

**bCancel = findViewById(R.id.*cancelButton*);**

**etFirstName = findViewById(R.id.*firstName*);**

**etLastName = findViewById(R.id.*lastName*);**

**etEmail = findViewById(R.id.*email*);**

**etPassword = findViewById(R.id.*password*);**

**bProceed.setOnClickListener(new View.OnClickListener() {**

**@Override**

**public void onClick(View v) {**

**isAllFieldsChecked = CheckAllFields();**

**if (isAllFieldsChecked) {**

**Intent i = new Intent(MainActivity.this, home.class);**

**startActivity(i);**

**}**

**}**

**});**

**bCancel.setOnClickListener(new View.OnClickListener() {**

**@Override**

**public void onClick(View v) {**

**MainActivity.this.finish();**

**System.*exit*(0);**

**}**

**});**

**}**

**private boolean CheckAllFields() {**

**if (etFirstName.length() == 0) {**

**etFirstName.setError("This field is required");**

**return false;**

**}**

**if (etLastName.length() == 0) {**

**etLastName.setError("This field is required");**

**return false;**

**}**

**if (etEmail.length() == 0) {**

**etEmail.setError("Email is required");**

**return false;**

**}**

**if (etPassword.length() == 0) {**

**etPassword.setError("Password is required");**

**return false;**

**} else if (etPassword.length() < 8) {**

**etPassword.setError("Password must be minimum 8 characters");**

**return false;**

**}**

***// after all validation return true.***

**return true;**

**}**

**}**

**Activity\_home.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"**

**tools:context=".home">**

**<TextView**

**android:id="@+id/textView"**

**android:layout\_width="0dp"**

**android:layout\_height="wrap\_content"**

**android:text="Logged in"**

**android:textSize="22sp"**

**app:layout\_constraintBottom\_toBottomOf="parent"**

**app:layout\_constraintEnd\_toEndOf="parent"**

**app:layout\_constraintStart\_toStartOf="parent"**

**app:layout\_constraintTop\_toTopOf="parent"**

**app:layout\_constraintVertical\_bias="0.337" />**

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

**BHOME.JAVA**

**package com.example.validationform;**

**import androidx.appcompat.app.AppCompatActivity;**

**import android.os.Bundle;**

**public class home extends AppCompatActivity {**

**@Override**

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

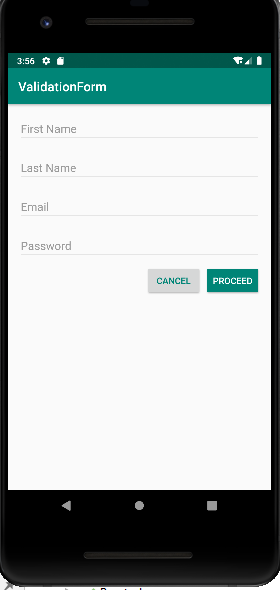
**super.onCreate(savedInstanceState);**

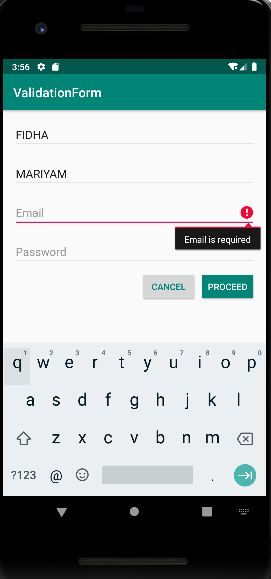
**setContentView(R.layout.*activity\_home*);**

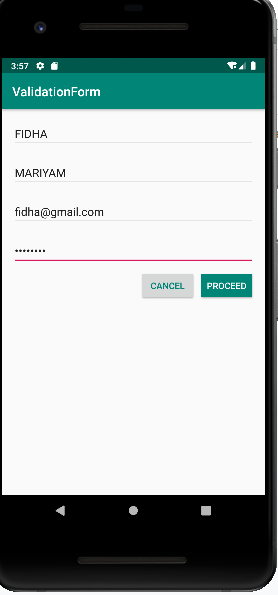
**}**

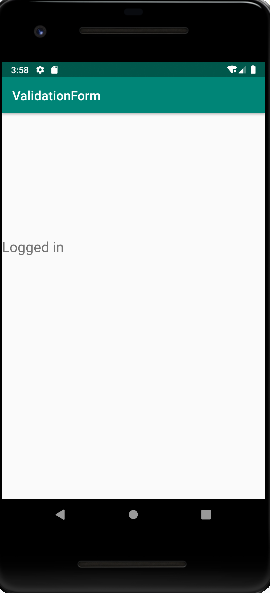
**}**

**OUTPUT**

****

****

****

****

**ACTIVITY LIFECYCLE**

**package com.example.lifecycle;**

**import androidx.appcompat.app.AppCompatActivity;**

**import android.os.Bundle;**

**import android.util.Log;**

**import android.widget.EdgeEffect;**

**import android.widget.EditText;**

**import android.widget.Toast;**

**public class MainActivity extends AppCompatActivity {**

**@Override**

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

**super.onCreate(savedInstanceState);**

**setContentView(R.layout.*activity\_main*);**

**Log.*d*("lifecycle","onCreate invoked");**

**}**

**protected void onStart() {**

**super.onStart();**

**Log.*d*("lifecycle","onStart invoked");**

**Toast.*makeText*(MainActivity.this, "Started", Toast.*LENGTH\_SHORT*).show();**

**}**

**protected void onResume() {**

**super.onResume();**

**Log.*d*("lifecycle","onRestart invoked");**

**Toast.*makeText*(MainActivity.this, "Resumed", Toast.*LENGTH\_SHORT*).show();**

**}**

**protected void onPause() {**

**super.onPause();**

**Log.*d*("lifecycle","onPause invoked");**

**Toast.*makeText*(MainActivity.this, "Paused", Toast.*LENGTH\_SHORT*).show();**

**}**

**protected void onStop() {**

**super.onStop();**

**Log.*d*("lifecycle","onStop invoked");**

**Toast.*makeText*(MainActivity.this, "stopped", Toast.*LENGTH\_SHORT*).show();**

**}**

**protected void onRestart() {**

**super.onRestart();**

**Log.*d*("lifecycle","onRestart invoked");**

**Toast.*makeText*(MainActivity.this, "Restarted", Toast.*LENGTH\_SHORT*).show();**

**}**

**protected void onDestroy() {**

**super.onDestroy();**

**Log.*d*("lifecycle","onDestroy invoked");**

**Toast.*makeText*(MainActivity.this, "Destroyed", Toast.*LENGTH\_SHORT*).show();**

**}**

**}**

***<?*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:layout\_width="wrap\_content"**

**android:layout\_height="wrap\_content"**

**android:text="Hello World!"**

**app:layout\_constraintBottom\_toBottomOf="parent"**

**app:layout\_constraintLeft\_toLeftOf="parent"**

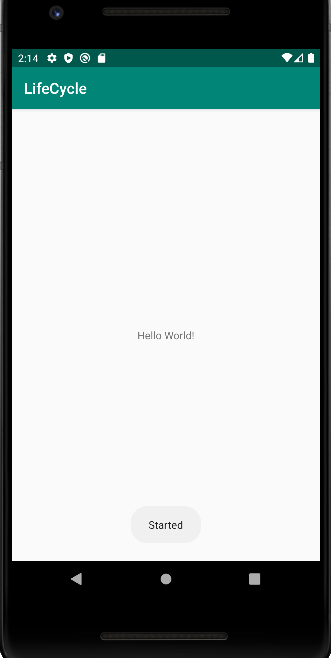
**app:layout\_constraintRight\_toRightOf="parent"**

**app:layout\_constraintTop\_toTopOf="parent" />**

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

**OUTPUT**

****



**FACEBOOK LOGIN**

**package com.example.loginfb;**

**import androidx.appcompat.app.ActionBar;**

**import androidx.appcompat.app.AppCompatActivity;**

**import android.os.Bundle;**

**import android.view.View;**

**import android.widget.Button;**

**import android.widget.EditText;**

**import android.widget.Toast;**

**public class MainActivity extends AppCompatActivity {**

**EditText username,pwd;**

**Button login;**

**@Override**

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

**super.onCreate(savedInstanceState);**

**setContentView(R.layout.*activity\_main*);**

**ActionBar actionBar = getSupportActionBar();**

**actionBar.setTitle("Facebook");**

**username=findViewById(R.id.*user*);**

**pwd=findViewById(R.id.*pass*);**

**login=findViewById(R.id.*login*);**

**login.setOnClickListener(new View.OnClickListener() {**

**@Override**

**public void onClick(View v) {**

**if(username.getText().toString().equals("admin") && pwd.getText().toString().equals("admin") )**

**{**

**Toast.*makeText*(MainActivity.this, "logged in", Toast.*LENGTH\_LONG*).show();**

**}**

**else**

**{**

**Toast.*makeText*(MainActivity.this, " Wrong email or password", Toast.*LENGTH\_LONG*).show();**

**}**

**}**

**});**

**}**

**}**

***<?*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="#D8DBE2"**

**tools:context=".MainActivity">**

**<EditText**

**android:id="@+id/user"**

**android:layout\_width="wrap\_content"**

**android:layout\_height="wrap\_content"**

**android:layout\_marginTop="256dp"**

**android:background="#D8DBE2"**

**android:ems="10"**

**android:hint="Email or Phone Number"**

**android:inputType="textEmailAddress"**

**app:layout\_constraintEnd\_toEndOf="parent"**

**app:layout\_constraintStart\_toStartOf="parent"**

**app:layout\_constraintTop\_toTopOf="parent" />**

**<Button**

**android:id="@+id/create"**

**android:layout\_width="wrap\_content"**

**android:layout\_height="wrap\_content"**

**android:layout\_marginBottom="132dp"**

**android:backgroundTint="#70CA09"**

**android:text="Create new Account"**

**app:layout\_constraintBottom\_toBottomOf="parent"**

**app:layout\_constraintEnd\_toEndOf="parent"**

**app:layout\_constraintHorizontal\_bias="0.504"**

**app:layout\_constraintStart\_toStartOf="parent" />**

**<EditText**

**android:id="@+id/pass"**

**android:layout\_width="wrap\_content"**

**android:layout\_height="wrap\_content"**

**android:ems="10"**

**android:hint="Password"**

**app:layout\_constraintBottom\_toTopOf="@+id/login"**

**app:layout\_constraintEnd\_toEndOf="parent"**

**app:layout\_constraintStart\_toStartOf="parent"**

**app:layout\_constraintTop\_toBottomOf="@+id/user"**

**app:layout\_constraintVertical\_bias="0.708" />**

**<Button**

**android:id="@+id/login"**

**android:layout\_width="0dp"**

**android:layout\_height="wrap\_content"**

**android:layout\_marginBottom="44dp"**

**android:backgroundTint="#FF0F3686"**

**android:text="Button"**

**android:textStyle="bold"**

**app:layout\_constraintBottom\_toTopOf="@+id/create"**

**app:layout\_constraintEnd\_toEndOf="parent"**

**app:layout\_constraintHorizontal\_bias="1.0"**

**app:layout\_constraintStart\_toStartOf="parent" />**

**<ImageView**

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

**android:layout\_width="122dp"**

**android:layout\_height="164dp"**

**android:layout\_marginStart="144dp"**

**android:layout\_marginLeft="144dp"**

**android:layout\_marginTop="25dp"**

**android:layout\_marginEnd="145dp"**

**android:layout\_marginRight="145dp"**

**android:layout\_marginBottom="23dp"**

**app:layout\_constraintBottom\_toTopOf="@+id/user"**

**app:layout\_constraintEnd\_toEndOf="parent"**

**app:layout\_constraintHorizontal\_bias="0.0"**

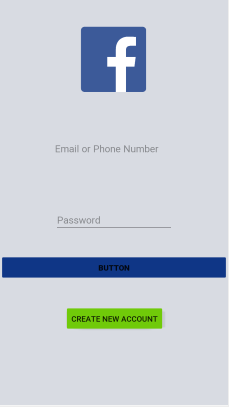
**app:layout\_constraintStart\_toStartOf="parent"**

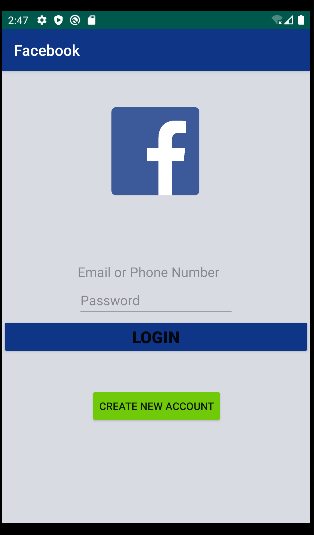
**app:layout\_constraintTop\_toTopOf="parent"**

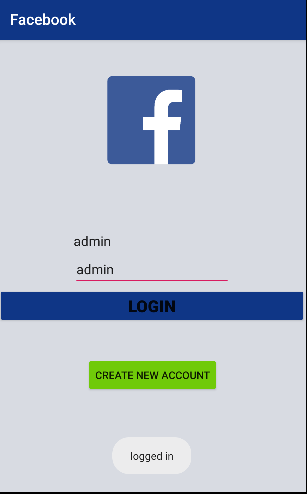
**app:layout\_constraintVertical\_bias="0.0"**

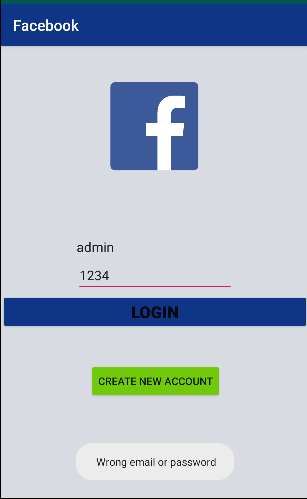
**app:srcCompat="@drawable/fb" />**

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

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Implicit intent

MainActivity.java

**package** com.example.implicit\_intent;

**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.TextView;

**public class** MainActivity **extends** AppCompatActivity {

EditText **num1**,**num2**;

Button **pro**;

TextView **ans**;

@Override

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

**super**.onCreate(savedInstanceState);

setContentView(R.layout.***activity\_main***);

**num1**=findViewById(R.id.***n1***);

**num2**=findViewById(R.id.***n2***);

**pro**=findViewById(R.id.***proceed***);

**ans**=findViewById(R.id.***ans***);

**pro**.setOnClickListener(**new** View.OnClickListener() {

@Override

**public void** onClick(View v) {

**int** a=Integer.*parseInt*(**num1**.getText().toString());

**int** b=Integer.*parseInt*(**num2**.getText().toString());

**int** z=a+b;

**ans**.setText(String.*valueOf*(z));

String value = **ans**.getText().toString().trim();

Intent intent = **new** Intent(MainActivity.**this**, SecondActivity.**class**);

intent.putExtra(**"answer"**,value);

startActivity(intent);

}

});

}

}

Activity\_main.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"**

**tools:context=".MainActivity"**>

<**EditText**

**android:id="@+id/n1"**

**android:layout\_width="wrap\_content"**

**android:layout\_height="wrap\_content"**

**android:layout\_marginTop="88dp"**

**android:ems="10"**

**android:hint="Enter first number"**

**android:inputType="textPersonName"**

**app:layout\_constraintEnd\_toEndOf="parent"**

**app:layout\_constraintStart\_toStartOf="parent"**

**app:layout\_constraintTop\_toTopOf="parent"** />

<**Button**

**android:id="@+id/proceed"**

**android:layout\_width="wrap\_content"**

**android:layout\_height="wrap\_content"**

**android:layout\_marginBottom="320dp"**

**android:text="Proceed"**

**app:layout\_constraintBottom\_toBottomOf="parent"**

**app:layout\_constraintEnd\_toEndOf="parent"**

**app:layout\_constraintHorizontal\_bias="0.498"**

**app:layout\_constraintStart\_toStartOf="parent"** />

<**EditText**

**android:id="@+id/n2"**

**android:layout\_width="wrap\_content"**

**android:layout\_height="wrap\_content"**

**android:layout\_marginBottom="124dp"**

**android:ems="10"**

**android:hint="Enter second number"**

**android:inputType="textPersonName"**

**app:layout\_constraintBottom\_toTopOf="@+id/proceed"**

**app:layout\_constraintEnd\_toEndOf="parent"**

**app:layout\_constraintStart\_toStartOf="parent"**

**app:layout\_constraintTop\_toBottomOf="@+id/n1"**

**app:layout\_constraintVertical\_bias="1.0"** />

<**TextView**

**android:id="@+id/ans"**

**android:layout\_width="170dp"**

**android:layout\_height="44dp"**

**android:layout\_marginTop="168dp"**

**android:text="TextView"**

**app:layout\_constraintBottom\_toBottomOf="parent"**

**app:layout\_constraintEnd\_toEndOf="parent"**

**app:layout\_constraintStart\_toStartOf="parent"**

**app:layout\_constraintTop\_toBottomOf="@+id/proceed"**

**app:layout\_constraintVertical\_bias="0.0"** />

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

secondActivity.java

**package** com.example.implicit\_intent;

**import** androidx.appcompat.app.AppCompatActivity;

**import** android.content.Intent;

**import** android.os.Bundle;

**import** android.widget.TextView;

**public class** SecondActivity **extends** AppCompatActivity {

String **answe**;

TextView **ans**,**textView**;

@Override

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

**super**.onCreate(savedInstanceState);

setContentView(R.layout.***activity\_second***);

**textView**=findViewById(R.id.***textView***);

Intent intent=getIntent();

**answe**=intent.getStringExtra(**"answer"**);

**ans** = findViewById(R.id.***a***);

**ans**.setText(**answe**);

}

}

Activity\_second.sml

*<?***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=".SecondActivity"**>

<**TextView**

**android:id="@+id/textView"**

**android:layout\_width="158dp"**

**android:layout\_height="65dp"**

**android:layout\_marginBottom="592dp"**

**android:text="Answer is: "**

**android:textSize="22sp"**

**android:textStyle="bold"**

**app:layout\_constraintBottom\_toBottomOf="parent"**

**app:layout\_constraintEnd\_toEndOf="parent"**

**app:layout\_constraintHorizontal\_bias="0.498"**

**app:layout\_constraintStart\_toStartOf="parent"**

**app:layout\_constraintTop\_toTopOf="parent"**

**app:layout\_constraintVertical\_bias="1.0"** />

<**TextView**

**android:id="@+id/a"**

**android:layout\_width="95dp"**

**android:layout\_height="47dp"**

**android:layout\_marginBottom="504dp"**

**android:hint="answer"**

**android:textSize="22sp"**

**android:textStyle="bold"**

**app:layout\_constraintBottom\_toBottomOf="parent"**

**app:layout\_constraintEnd\_toEndOf="parent"**

**app:layout\_constraintHorizontal\_bias="0.507"**

**app:layout\_constraintStart\_toStartOf="parent"** />

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