## PROGRAM

**Activity\_Main.xml**

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

<LinearLayout xmlns:android="[http://schemas.android.com/apk/res/android"](http://schemas.android.com/apk/res/android) xmlns:tools="[http://schemas.android.com/tools"](http://schemas.android.com/tools) android:id="@+id/activity\_main"

android:layout\_width="match\_parent" android:layout\_height="match\_parent" android:orientation="vertical" >

<EditText android:id="@+id/editTextName" android:layout\_width="match\_parent" android:layout\_height="wrap\_content" android:ems="10" android:hint="Enter First Name"

android:inputType="textPersonName" />

<EditText android:id="@+id/editTextlName" android:layout\_width="match\_parent" android:layout\_height="wrap\_content" android:ems="10" android:hint="Enter Last Name"

android:inputType="textPersonName" />

<EditText android:id="@+id/editTextgender" android:layout\_width="match\_parent" android:layout\_height="wrap\_content" android:ems="10" android:hint="Enter Gender"

android:inputType="textPersonName" />

<EditText android:id="@+id/editTextEmail" android:layout\_width="match\_parent" android:layout\_height="wrap\_content" android:ems="10" android:hint="Enter Email"

android:inputType="textPersonName" />

<EditText android:id="@+id/editTextMobile" android:layout\_width="match\_parent" android:layout\_height="wrap\_content" android:ems="10"

android:hint="Enter Mobile Number" android:inputType="textEmailAddress" />

<EditText android:id="@+id/editTextDob" android:layout\_width="match\_parent" android:layout\_height="wrap\_content" android:ems="10"

android:hint="Enter Date of Birth (DD/MM/YYYY)" android:inputType="date" />

<EditText android:id="@+id/editTextpassword" android:layout\_width="match\_parent" android:layout\_height="wrap\_content" android:ems="10" android:hint="Enter Password" android:inputType="textPassword" />

<Button android:id="@+id/buttonSubmit" android:layout\_width="match\_parent" android:layout\_height="wrap\_content" android:text="Submit" />

</LinearLayout>

## Activity\_Main2.xml

<LinearLayout android:layout\_width="match\_parent" android:layout\_height="match\_parent" android:orientation="vertical"

android:gravity="center" xmlns:android="[http://schemas.android.com/apk/res/android"](http://schemas.android.com/apk/res/android)>

<TextView android:layout\_width="match\_parent" android:layout\_height="wrap\_content" android:id="@+id/tv"

/>

<TextView android:layout\_width="match\_parent" android:layout\_height="wrap\_content" android:id="@+id/tv1"

/>

<TextView android:layout\_width="match\_parent" android:layout\_height="wrap\_content" android:id="@+id/tv2"

/>

<TextView android:layout\_width="match\_parent" android:layout\_height="wrap\_content" android:id="@+id/tv3"

/>

<TextView android:layout\_width="match\_parent" android:layout\_height="wrap\_content" android:id="@+id/tv4"

/>

<TextView android:layout\_width="match\_parent" android:layout\_height="wrap\_content" android:id="@+id/tv5"

/>

<TextView

android:layout\_width="match\_parent" android:layout\_height="wrap\_content" android:id="@+id/tv6"

/>

</LinearLayout>

## Main\_Activity.java

import android.content.Intent; import android.net.Uri;

import android.support.v7.app.AppCompatActivity; import android.os.Bundle;

import android.text.TextUtils; import android.util.Patterns; import android.view.View;

import android.widget.DatePicker; import android.widget.EditText; import android.widget.Button; import android.widget.Toast;

import android.content.SharedPreferences;

public class MainActivity extends AppCompatActivity {

EditText editTextName, editTextlName,editTextEmail, editTextMobile, editTextDob, editTextgender,editTextpassword;

Button buttonSubmit; @Override

protected void onCreate(Bundle savedInstanceState) { super.onCreate(savedInstanceState); setContentView(R.layout.activity\_main); buttonSubmit =findViewById(R.id.buttonSubmit); editTextName =findViewById(R.id.editTextName); editTextlName =findViewById(R.id.editTextlName); editTextEmail =findViewById(R.id.editTextEmail); editTextMobile =findViewById(R.id.editTextMobile); editTextDob =findViewById(R.id.editTextDob);

editTextgender =findViewById(R.id.editTextgender); editTextpassword =findViewById(R.id.editTextpassword); buttonSubmit.setOnClickListener(new View.OnClickListener() { @Override

public void onClick(View view) { checkDataEntered();

SharedPreferences mypref=getSharedPreferences("activity\_main2.xml",0); SharedPreferences.Editor editor=mypref.edit();//only write editor editor.putString("fname",editTextName.getText().toString()); //bundle the data editor.putString("lname",editTextlName.getText().toString()); editor.putString("gender",editTextgender.getText().toString()); editor.putString("phone",editTextMobile.getText().toString()); editor.putString("pwd",editTextpassword.getText().toString()); editor.putString("email",editTextEmail.getText().toString()); editor.putString("dob",editTextDob.getText().toString());

editor.commit();

// String str = editTextName.getText().toString();

//String str1 = editTextName.getText().toString();

Intent intent = new Intent(getApplicationContext(), Main2Activity.class); intent.putExtra("fname",editTextName.getText().toString()); intent.putExtra("lname",editTextlName.getText().toString()); intent.putExtra("gender",editTextgender.getText().toString()); intent.putExtra("phone",editTextMobile.getText().toString()); intent.putExtra("pwd",editTextpassword.getText().toString()); intent.putExtra("email",editTextEmail.getText().toString()); intent.putExtra("dob",editTextDob.getText().toString()); startActivity(intent);

}

});

}

boolean isEmail(EditText text) { CharSequence email = text.getText().toString(); return (!TextUtils.isEmpty(email) &&

Patterns.EMAIL\_ADDRESS.matcher(email).matches());

}

boolean isEmpty(EditText text) { CharSequence str = text.getText().toString(); return TextUtils.isEmpty(str);

}

void checkDataEntered() {

if (isEmpty(editTextName)) {

Toast t = Toast.makeText(this, "You must enter first name to register!", Toast.LENGTH\_SHORT);

t.show();

}

if (isEmpty(editTextlName)) { editTextlName.setError("Last name is required!");

}

if (isEmpty(editTextMobile)) { editTextMobile.setError("mobile number is required!");

}

if (isEmpty(editTextgender)) { editTextgender.setError("Gender is required!");

}

if (isEmpty(editTextpassword)) { editTextpassword.setError("Password is required!");

}

if (isEmpty(editTextDob)) { editTextDob.setError("DOB is required!");

}

if (isEmail(editTextEmail) == false) { editTextEmail.setError("Enter valid email!");

}

}

}

## Main\_Activity2.java

import android.content.SharedPreferences;

import android.widget.TextView; import android.content.Intent;

import android.support.v7.app.AppCompatActivity; import android.os.Bundle;

public class Main2Activity extends AppCompatActivity { TextView tv,tv1,tv2,tv3,tv4,tv5,tv6;

@Override

protected void onCreate(Bundle savedInstanceState) { super.onCreate(savedInstanceState); setContentView(R.layout.activity\_main2);

tv =findViewById(R.id.tv); tv1 =findViewById(R.id.tv1); tv2 =findViewById(R.id.tv2); tv3 =findViewById(R.id.tv3); tv4 =findViewById(R.id.tv4); tv5 =findViewById(R.id.tv5); tv6 =findViewById(R.id.tv6); Intent intent = getIntent();

SharedPreferences mypref=getSharedPreferences("activity\_main2.xml",0); String str = mypref.getString("fname",null);

String str1 = mypref.getString("lname",null); String str2 = mypref.getString("gender",null); String str3 = mypref.getString("phone",null); String str4 = mypref.getString("pwd",null); String str5 = mypref.getString("email",null); String str6 = mypref.getString("dob",null); tv.setText(str);

tv1.setText(str1); tv2.setText(str2); tv3.setText(str3); tv4.setText(str4); tv5.setText(str5); tv6.setText(str6);

}

}

Graphical user interface, application

Description automatically generatedGraphical user interface, text, application, email

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Description automatically generated**OUTPUT**