**CO2**

Co2-pgm 1

Program 1 : Navigation to next page and showing the data entered in previous page

Xml-1

*<?*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">  
  
 <LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:orientation="horizontal">  
  
 <EditText  
 android:id="@+id/editTextTextPersonName"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_weight="1"  
 android:ems="10"  
 android:inputType="textPersonName" />  
  
 <Button  
 android:id="@+id/button"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:onClick="onclick"  
 android:text="Button"  
 tools:ignore="MissingConstraints" />  
 </LinearLayout>  
  
</androidx.constraintlayout.widget.ConstraintLayout>

Java-1

package com.example.octl;  
  
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 b1;  
 EditText t1;  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_main*);  
  
 t1=findViewById(R.id.*editTextTextPersonName*);  
 }  
  
 public void onclick(View view) {  
 Intent i=new Intent(MainActivity.this,cotwo.class);  
 String val=t1.getText().toString();  
 i.putExtra("hi",val);  
 startActivity(i);  
 }  
  
  
}

xml-2

"*<?*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=".cotwo">  
  
 <LinearLayout  
 android:layout\_width="409dp"  
 android:layout\_height="729dp"  
 android:orientation="horizontal"  
 tools:layout\_editor\_absoluteX="1dp"  
 tools:layout\_editor\_absoluteY="1dp">  
  
 <EditText  
 android:id="@+id/t2"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="87dp"  
 android:layout\_weight="1"  
 android:ems="10"  
 android:inputType="textPersonName" />  
 </LinearLayout>  
</androidx.constraintlayout.widget.ConstraintLayout>

Java-2

package com.example.octl;  
  
import androidx.appcompat.app.AppCompatActivity;  
  
import android.content.Intent;  
import android.os.Bundle;  
import android.widget.EditText;  
import android.widget.Toast;  
  
public class cotwo extends AppCompatActivity {  
 EditText t2;  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.activity\_cotwo);  
 t2=findViewById(R.id.t2);  
 Intent intent =getIntent();  
 String val=intent.getStringExtra("hi");  
 t2.setText(val+"");  
 Toast.makeText(this, "hai this is second activity", Toast.LENGTH\_SHORT).show();  
 }  
}

output

nov-4 2screen screen21

co2-3

shared preferences

*first xml code*

*<?*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">  
  
 <LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:orientation="vertical">  
  
 <EditText  
 android:id="@+id/editTextTextPersonName3"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:ems="10"  
 android:inputType="textPersonName"  
 android:text="Name" />  
  
 <EditText  
 android:id="@+id/editTextTextPassword"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:ems="10"  
 android:inputType="textPassword" />  
  
 <Button  
 android:id="@+id/button2"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:onClick="onclick"  
 android:text="Button"  
 app:toggleCheckedStateOnClick="false" />  
 </LinearLayout>  
</androidx.constraintlayout.widget.ConstraintLayout>

first -java

package com.example.myapplication;  
  
import androidx.appcompat.app.AppCompatActivity;  
  
import android.content.Intent;  
import android.content.SharedPreferences;  
import android.os.Bundle;  
import android.view.View;  
import android.widget.Button;  
import android.widget.EditText;  
  
public class MainActivity extends AppCompatActivity {  
 EditText name,pass;  
 SharedPreferences sp;  
 Button b1;  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_main*);  
 name=findViewById(R.id.*editTextTextPersonName3*);  
 pass=findViewById(R.id.*editTextTextPassword*);  
 b1=findViewById(R.id.*button2*);  
 sp=getSharedPreferences("user",*MODE\_PRIVATE*);  
 }  
  
  
 public void onclick(View view) {  
 SharedPreferences.Editor ed=sp.edit();  
 ed.putString("username",name.getText().toString());  
 ed.putString("password",pass.getText().toString());  
 ed.commit();  
 Intent i=new Intent(MainActivity.this,MainActivity2.class);  
 startActivity(i);  
 }  
}

second xml code

*<?*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=".MainActivity2">  
  
 <LinearLayout  
 android:layout\_width="409dp"  
 android:layout\_height="729dp"  
 android:orientation="vertical"  
 tools:layout\_editor\_absoluteX="1dp"  
 tools:layout\_editor\_absoluteY="1dp"  
 tools:ignore="MissingConstraints">  
  
 <TextView  
 android:id="@+id/textView"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:text="TextView" />  
  
 <TextView  
 android:id="@+id/textView2"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:text="TextView" />  
 </LinearLayout>  
</androidx.constraintlayout.widget.ConstraintLayout>

Second java

package com.example.myapplication;  
  
import androidx.appcompat.app.AppCompatActivity;  
  
import android.content.SharedPreferences;  
import android.os.Bundle;  
import android.widget.TextView;  
  
public class MainActivity2 extends AppCompatActivity {  
 TextView tname,tpass;  
 SharedPreferences sp;  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_main2*);  
 tname=findViewById(R.id.*textView*);  
 tpass=findViewById(R.id.*textView2*);  
 sp=getSharedPreferences("login",*MODE\_PRIVATE*);  
 String name=sp.getString("username","ABC");  
 String pass=sp.getString("password","123");  
 tname.setText(name);  
 tpass.setText(pass);  
  
  
 }  
  
  
}

out put

sp2pic-nov7

co2—4

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">  
  
 <FrameLayout  
 android:layout\_width="409dp"  
 android:layout\_height="729dp"  
 tools:layout\_editor\_absoluteX="1dp"  
 tools:layout\_editor\_absoluteY="1dp">  
  
 <LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:orientation="horizontal">  
  
 <ImageView  
 android:id="@+id/imageView9"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="86dp"  
 android:layout\_weight="1"  
 app:srcCompat="@android:drawable/btn\_star\_big\_on" />  
  
 <ImageView  
 android:id="@+id/imageView10"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="92dp"  
 android:layout\_weight="1"  
 app:srcCompat="@android:drawable/checkbox\_on\_background" />  
 </LinearLayout>  
 </FrameLayout>  
</androidx.constraintlayout.widget.ConstraintLayout>

Java

package com.example.myapplication;  
  
import androidx.appcompat.app.AppCompatActivity;  
  
import android.os.Bundle;  
import android.view.View;  
import android.widget.ImageView;  
  
public class MainActivity extends AppCompatActivity implements View.OnClickListener {  
 ImageView img1,img2;  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_main*);  
 img1=(ImageView)findViewById(R.id.*imageView9*) ;  
 img2=(ImageView)findViewById(R.id.*imageView10*);  
 img1.setOnClickListener(this);  
 img2.setOnClickListener(this);  
  
  
  
 }  
 public void onClick(View v){  
 if(v==img1)  
 {  
 img1.setVisibility(View.*GONE*);  
 img2.setVisibility(View.*VISIBLE*);  
 }  
 else  
 {  
 img2.setVisibility(View.*GONE*);  
 img1.setVisibility(View.*VISIBLE*);  
  
 }  
 }  
}

output

nov-7

img1,2,3