Project Name : IntentExample

Activity\_main.xml

*<?*xml version="1.0" encoding="utf-8"*?>*<LinearLayout  
 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:gravity="bottom|end"  
 tools:context=".MainActivity">  
  
 <Button  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Next"  
 android:layout\_marginRight="11dp"  
 android:layout\_marginBottom="21dp"  
 android:id="@+id/btnNxt"/>  
  
</LinearLayout>

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MainActivity.java

package com.sonal.example.intentexample;  
  
import androidx.activity.result.contract.ActivityResultContracts;  
import androidx.appcompat.app.AppCompatActivity;  
  
import android.content.Intent;  
import android.os.Bundle;  
import android.view.View;  
import android.widget.Button;  
  
public class MainActivity extends AppCompatActivity {  
 Button btnNext;  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_main*);  
 btnNext=findViewById(R.id.*btnNxt*);  
 Intent inext;  
 inext = new Intent(MainActivity.this, SecondActivity.class);  
 inext.putExtra("title", "Home");  
 inext.putExtra("name","Sonal");  
 inext.putExtra("rollno", 10);  
  
 btnNext.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 startActivity(inext);  
 }  
 });  
  
  
  
 }  
}

activity\_second.xml

*<?*xml version="1.0" encoding="utf-8"*?>*<LinearLayout  
 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="#9C27B0"  
 android:gravity="center"  
 tools:context=".SecondActivity">  
  
 <TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:id="@+id/txtstudentinfo"  
 android:textStyle="bold"  
 android:textSize="30sp"  
 android:textColor="@color/white"/>  
</LinearLayout>

SecondActivity.Java

package com.sonal.example.intentexample;  
  
import androidx.appcompat.app.AppCompatActivity;  
  
import android.content.Intent;  
import android.os.Bundle;  
import android.widget.TextView;  
  
public class SecondActivity extends AppCompatActivity {  
  
 TextView txtstudentinfo;  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_second*);  
 txtstudentinfo = findViewById(R.id.*txtstudentinfo*);  
 Intent fromAct=getIntent();  
 String title= fromAct.getStringExtra("title");  
 String name=fromAct.getStringExtra("name");  
 Integer rollno=fromAct.getIntExtra("rollno",0);  
 txtstudentinfo.setText("Roll Number: "+ rollno + " Name " + name);  
 getSupportActionBar().setTitle(title);  
  
  
  
  
  
  
 }  
}