//Main Activity Java Code  
  
public class MainActivity extends AppCompatActivity {  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_main*);  
  
 EditText et = (EditText) findViewById(R.id.*et1*);  
 Button btn = (Button) findViewById(R.id.*btn*);  
  
 btn.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 String s = et.getText().toString();  
 Intent intent = new Intent(MainActivity.this, SecondActivity.class);  
 intent.putExtra("RED", s);  
 startActivity(intent);  
 }  
 });  
  
  
  
  
 }  
}

//Second Activity Java Code

package com.realapp.intentapp;  
  
import androidx.appcompat.app.AppCompatActivity;  
  
import android.content.Intent;  
import android.os.Bundle;  
import android.widget.TextView;  
import android.widget.Toast;  
  
public class SecondActivity extends AppCompatActivity {  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_second*);  
  
 TextView tv2 = findViewById(R.id.*tv2*);  
  
 Intent in = getIntent();  
 String p = in.getStringExtra("RED");  
 tv2.setText("Name is :"+p);  
 Toast.*makeText*(getApplicationContext(),"Welcome to all",Toast.*LENGTH\_SHORT*).show();  
  
 }  
}

// Main Activity XML code  
*<?*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:orientation="vertical"  
 android:background="@android:color/holo\_orange\_light"  
 tools:context=".MainActivity">  
  
 <TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="This is our First Activity"  
 android:textSize="25dp"  
 android:layout\_marginTop="10dp"  
 android:layout\_gravity="center"  
 />  
  
 <EditText  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:id="@+id/et1"  
 android:layout\_marginTop="25dp"  
 android:gravity="center"  
 android:hint="Name"  
 />  
 <Button  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:id="@+id/btn"  
  
 android:text="Submit"  
 android:layout\_gravity="center"  
 android:layout\_marginTop="20dp" />  
  
</LinearLayout>

// Second Activity XML code  
  
*<?*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:orientation="vertical"  
 tools:context=".SecondActivity">  
  
 <TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="This is our Second Activity"  
 android:textSize="30dp"  
 />  
  
 <TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:id="@+id/tv2"  
 android:text="Name:"  
 android:textSize="25dp"  
 />  
  
</LinearLayout>