//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>