Message passing (Intents) no change in manifest.xml

Activity\_main.xml

*<?***xml version="1.0" encoding="utf-8"***?>*<**LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:tools="http://schemas.android.com/tools"  
 android:orientation="vertical"  
 android:gravity="center"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:id="@+id/main"  
 tools:context=".MainActivity"**>  
  
  
 <**EditText  
 android:id="@+id/editTextInput"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:hint="Enter something"  
 android:textSize="18sp"  
 android:layout\_marginTop="20dp"**/>  
  
 <**Button  
 android:id="@+id/Move"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Send"  
 android:textSize="20sp"  
 android:layout\_marginTop="30dp"**/>  
</**LinearLayout**>

Activity2.xml

*<?***xml version="1.0" encoding="utf-8"***?>*<**androidx.constraintlayout.widget.ConstraintLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 xmlns:tools="http://schemas.android.com/tools"  
 android:id="@+id/main"  
 tools:context=".MainActivity2"**>  
  
 <**TextView  
 android:id="@+id/textView"  
 android:textColor="@color/black"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_centerInParent="true"  
 android:textSize="20sp"** />  
  
</**androidx.constraintlayout.widget.ConstraintLayout**>

Mainactivity.java

**package** com.example.activity\_msg;  
  
**import** android.content.Intent;  
**import** android.os.Bundle;  
**import** android.view.View;  
**import** android.widget.Button;  
**import** android.widget.EditText;  
**import** android.widget.Toast;  
  
**import** androidx.appcompat.app.AppCompatActivity;  
  
**import** com.example.activity\_msg.R;  
  
**public class** MainActivity **extends** AppCompatActivity {  
 **private** Button **move**;  
 **private** EditText **editTextInput**;  
  
 @Override  
 **protected void** onCreate(Bundle savedInstanceState) {  
 **super**.onCreate(savedInstanceState);  
 setContentView(R.layout.***activity\_main***);  
  
  
 **editTextInput** = findViewById(R.id.***editTextInput***);  
 **move** = findViewById(R.id.***Move***);  
  
 **move**.setOnClickListener(**new** View.OnClickListener() {  
 @Override  
 **public void** onClick(View v) {  
  
 String userInput = **editTextInput**.getText().toString();  
 Intent intent = **new** Intent(MainActivity.**this**, MainActivity2.**class**);  
 intent.putExtra(**"USER\_INPUT"**, userInput);  
 startActivity(intent);  
 Toast.*makeText*(MainActivity.**this**, **"Your message has been Sent"**, Toast.***LENGTH\_SHORT***).show();  
 }  
 });  
 }  
}

mainactivity2.java

**package** com.example.activity\_msg;  
  
**import** android.content.Intent;  
**import** android.os.Bundle;  
**import** android.widget.TextView;  
  
**import** androidx.appcompat.app.AppCompatActivity;  
  
**public class** MainActivity2 **extends** AppCompatActivity {  
 **private** TextView **textView**;  
  
 @Override  
 **protected void** onCreate(Bundle savedInstanceState) {  
 **super**.onCreate(savedInstanceState);  
 setContentView(R.layout.***activity\_main2***);  
  
 **textView** = findViewById(R.id.***textView***);  
  
 Intent intent = getIntent();  
 String userInput = intent.getStringExtra(**"USER\_INPUT"**);  
  
  
 **if** (userInput != **null** && !userInput.isEmpty()) {  
 **textView**.setText(**"Received input: "** + userInput);  
 } **else** {  
 **textView**.setText(**"No input received."**);  
 }  
 }  
}

dependencies  
  
dependencies {  
 implementation **'androidx.appcompat:appcompat:1.4.1'** implementation **'com.google.android.material:material:1.5.0'** implementation **'androidx.constraintlayout:constraintlayout:2.1.3'** testImplementation **'junit:junit:4.13.2'** androidTestImplementation **'androidx.test.ext:junit:1.1.3'** androidTestImplementation **'androidx.test.espresso:espresso-core:3.4.0'**}