INTENT

Activity main.java

|  |
| --- |
| package com.example.myintent;  import android.content.Intent; import android.os.Bundle;  import com.google.android.material.floatingactionbutton.FloatingActionButton; import com.google.android.material.snackbar.Snackbar;  import androidx.annotation.Nullable; import androidx.appcompat.app.AppCompatActivity; import androidx.appcompat.widget.Toolbar;  import android.view.View; import android.view.Menu; import android.view.MenuItem; import android.widget.EditText; import android.widget.Toast;  public class MainActivity extends AppCompatActivity {   private static final int *REQUEST\_CODE* = 10;   @Override  protected void onCreate(Bundle savedInstanceState) {  super.onCreate(savedInstanceState);  setContentView(R.layout.*activity\_main*);  }   public void onClick(View view) {  EditText text = (EditText) findViewById(R.id.*inputforintent*);  String value = text.getText().toString();  Intent i = new Intent(this, MyIntent.class);  i.putExtra("yourkey", value);  startActivityForResult(i, *REQUEST\_CODE*);  }   @Override  protected void onActivityResult(int requestCode, int resultCode, @Nullable Intent data) {   {  if (resultCode == *RESULT\_OK* && requestCode == *REQUEST\_CODE*) {  if (data.hasExtra("returnKey")) {  String result = data.getExtras().getString("returnkey");  if (result != null && result.length() > 0) {  Toast.*makeText*(this, result, Toast.*LENGTH\_SHORT*).show();  }  }  }  }  } } |

Activity\_main.Xml

|  |
| --- |
| <?xml version="1.0" encoding="utf-8"?> <RelativeLayout  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:paddingBottom="@dimen/activity\_vertical\_margin"  android:paddingLeft="@dimen/activity\_horizontal\_margin"  android:paddingRight="@dimen/activity\_horizontal\_margin"  android:paddingTop="@dimen/activity\_vertical\_margin"  tools:context=".MainActivity">   <EditText  android:id="@+id/inputforintent"  android:layout\_width="wrap\_content"  android:layout\_height="wrap\_content"  android:minHeight="60dip"  android:text="First Activity"  android:textSize="20sp" />   <Button  android:id="@+id/startintent"  android:layout\_width="wrap\_content"  android:layout\_height="wrap\_content"  android:layout\_alignLeft="@+id/inputforintent"  android:layout\_below="@+id/inputforintent"  android:onClick="onClick"  android:text="Calling An Intent" />   </RelativeLayout> |

myIntent.java / ResultActivity.java

|  |
| --- |
| package com.example.myintent;  import androidx.appcompat.app.AppCompatActivity;  import android.content.Intent; import android.os.Bundle; import android.widget.EditText; import android.widget.TextView;  public class MyIntent extends AppCompatActivity {   @Override  protected void onCreate(Bundle savedInstanceState) {  super.onCreate(savedInstanceState);  setContentView(R.layout.*activity\_my\_intent*);   Bundle extras = getIntent().getExtras();  String inputString = extras.getString("yourkey");  TextView view =(TextView) findViewById(R.id.*displayintentextra*);  view.setText(inputString);  }   @Override  public void finish(){  Intent intent = new Intent();  EditText editText = (EditText) findViewById(R.id.*returnvalue*);  String string = editText.getText().toString();  intent.putExtra("returnkey", string);  setResult(*RESULT\_OK*, intent);  super.finish();  } } |

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"  tools:context=".MyIntent"  android:orientation="vertical">   <TextView  android:layout\_width="wrap\_content"  android:layout\_height="wrap\_content"  android:id="@+id/displayintentextra"  android:text="Input"/>   <EditText  android:id="@+id/returnvalue"  android:layout\_width="match\_parent"  android:layout\_height="wrap\_content" />  <requestFocus/>   </LinearLayout> |

