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| **Question**  **Create an android application to pass the data from current application to another**  **Application using intent.**  **OR**  **Create an android application that shares data between different applications using intents** | |
| **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"  tools:context=".MainActivity"**>    <**LinearLayout  android:layout\_width="match\_parent"  android:layout\_height="match\_parent"  android:orientation="vertical"**>   <**TextView  android:layout\_width="fill\_parent"  android:layout\_height="wrap\_content"  android:layout\_marginTop="10dp"  android:gravity="center\_horizontal"  android:text="Input your Name"**></**TextView**>   <**TableLayout  android:id="@+id/tableLayout1"  android:layout\_width="match\_parent"  android:layout\_height="wrap\_content"  android:layout\_margin="10dp"  android:stretchColumns="1"**>   <**TableRow  android:id="@+id/tableRow1"  android:layout\_width="match\_parent"  android:layout\_height="wrap\_content"**>   <**TextView  android:id="@+id/textView1"  android:layout\_width="match\_parent"  android:layout\_height="wrap\_content"  android:text="First Name"**></**TextView**>   <**EditText  android:id="@+id/etFName"  android:layout\_width="match\_parent"  android:layout\_height="wrap\_content"  android:layout\_marginLeft="5dp"**>   <**requestFocus**></**requestFocus**>  </**EditText**>  </**TableRow**>   <**TableRow  android:id="@+id/tableRow2"  android:layout\_width="match\_parent"  android:layout\_height="wrap\_content"**>   <**TextView  android:id="@+id/textView2"  android:layout\_width="match\_parent"  android:layout\_height="wrap\_content"  android:text="Last Name"**></**TextView**>   <**EditText  android:id="@+id/etLName"  android:layout\_width="match\_parent"  android:layout\_height="wrap\_content"  android:layout\_marginLeft="5dp"**></**EditText**>  </**TableRow**>  </**TableLayout**>   <**Button  android:id="@+id/btnSubmit"  android:layout\_width="wrap\_content"  android:layout\_height="wrap\_content"  android:layout\_gravity="center\_horizontal"  android:text="Submit"**></**Button**>  </**LinearLayout**> </**RelativeLayout**> | |
| **Main\_Activity.java**  **package** com.maharashtracollege.profshahidansari;  **import** androidx.appcompat.app.AppCompatActivity;  **import** android.content.Intent; **import** android.graphics.Color; **import** android.os.Bundle;   **import** android.view.View; **import** android.widget.Button; **import** android.widget.EditText; **import** android.widget.QuickContactBadge; **import** android.widget.TextView; **import** android.widget.Toast;  **import** java.util.Random;  **public class** MainActivity **extends** AppCompatActivity {    EditText **etFName**;  EditText **etLName**;  Button **btnSubmit**;   @Override  **protected void** onCreate(Bundle savedInstanceState) {  **super**.onCreate(savedInstanceState);  setContentView(R.layout.***activity\_main***);  **etFName** = (EditText) findViewById(R.id.***etFName***);  **etLName** = (EditText) findViewById(R.id.***etLName***);   **btnSubmit** = (Button) findViewById(R.id.***btnSubmit***);  **btnSubmit**.setOnClickListener(**new** View.OnClickListener() {  @Override  **public void** onClick(View v) {  Intent intent = **new** Intent(getApplicationContext(), ViewActivity.**class**);  intent.putExtra(**"fname"**, **etFName**.getText().toString());  intent.putExtra(**"lname"**, **etLName**.getText().toString());  startActivity(intent);  }  });  }} | |
| Now Create an another activity as **ViewActivity.java as**        **Activity\_main.xml(Second Activity XML file)**  *<?***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=".ViewActivity"**>   <**TextView  android:id="@+id/tvView"  android:layout\_width="400dp"  android:layout\_height="85dp"  android:layout\_gravity="center\_horizontal"  android:layout\_marginTop="20dp"  android:text="Output"  android:textColor="@android:color/holo\_blue\_dark"  android:textSize="24sp"  android:textStyle="bold"**></**TextView**>  </**LinearLayout**> | |
| **ViewActivity.java**  **package** com.maharashtracollege.profshahidansari;  **import** androidx.appcompat.app.AppCompatActivity;  **import** android.content.Intent; **import** android.os.Bundle; **import** android.widget.TextView;  **public class** ViewActivity **extends** AppCompatActivity {   TextView **tvView**;  @Override  **protected void** onCreate(Bundle savedInstanceState) {  **super**.onCreate(savedInstanceState);  setContentView(R.layout.***activity\_view***);   **tvView** = (TextView) findViewById(R.id.***tvView***);   Intent intent = getIntent();   String fName = intent.getStringExtra(**"fname"**);  String lName = intent.getStringExtra(**"lname"**);   **tvView**.setText(**"Your name is: "** + fName + **" "** + lName);  } } | |
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