**XML code of Main Activity**

<**EditText  
 android:id="@+id/editTextTextPersonName"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="147dp"  
 android:ems="10"  
 android:inputType="textPersonName"  
 android:hint="Enter your name"  
 android:textSize="24dp"  
 android:textColorHint="@color/black"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent"** />  
  
<**EditText  
 android:id="@+id/editTextTextPersonName2"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="39dp"  
 android:ems="10"  
 android:inputType="textPersonName"  
 android:hint="Age"  
 android:textColorHint="@color/black"  
 android:textSize="24dp"  
 app:layout\_constraintBottom\_toTopOf="@+id/button"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintHorizontal\_bias="0.0"  
 app:layout\_constraintStart\_toStartOf="@+id/editTextTextPersonName"  
 app:layout\_constraintTop\_toBottomOf="@+id/editTextTextPersonName"  
 app:layout\_constraintVertical\_bias="0.092"** />  
  
<**Button  
 android:id="@+id/button"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginBottom="267dp"  
 android:text="Click"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintStart\_toStartOf="parent"** />

**Xml Code for Second Activity**

<**TextView  
 android:id="@+id/textView"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Name"  
 android:textSize="50dp"  
 android:textColor="#03A9F4"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintHorizontal\_bias="0.436"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent"  
 app:layout\_constraintVertical\_bias="0.272"** />  
  
<**TextView  
 android:id="@+id/textView3"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Second Activity"  
 android:textColor="#C3227B"  
 android:textSize="45dp"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintHorizontal\_bias="0.395"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent"  
 app:layout\_constraintVertical\_bias="0.126"** />  
  
<**TextView  
 android:id="@+id/textView2"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Age"  
 android:textColor="#03A9F4"  
 android:textSize="50dp"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintHorizontal\_bias="0.447"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toBottomOf="@+id/textView"  
 app:layout\_constraintVertical\_bias="0.1"** />

**The Java Code of the Main Activity**

@Override  
**protected void** onCreate(Bundle savedInstanceState) {  
 **super**.onCreate(savedInstanceState);  
 setContentView(R.layout.***activity\_main***);  
 Button b = findViewById(R.id.***button***);  
 EditText name=findViewById(R.id.***editTextTextPersonName***);  
 EditText age = findViewById(R.id.***editTextTextPersonName2***);  
 *// it will give you the reference to the view in XML layouts by searching its ID* b.setOnClickListener(**new** View.OnClickListener() {  
 @Override  
 */\*These methods will be called by the Android framework when the View to  
 which the listener has been registered  
 is triggered by user interaction with the item in the UI\*/* **public void** onClick(View view) {  
 String Dname=name.getText().toString();  
 String Dage =age.getText().toString();  
 */\* By using the gettext we can get the user input from the activity\*/* Intent i = **new** Intent(MainActivity.**this**,SecondActivity.**class**);  
 *//Intent is the message that is passed between components such as activities,  
 // content providers, broadcast receivers, services etc* i.putExtra(**"name"**,Dname);  
 i.putExtra(**"age"**,Dage);  
 *//Add extended data to the intent.* startActivity(i);  
 *//The startActivity(Intent) method is used to start a new activity,  
 // which will be placed at the top of the activity stack.* }  
 });  
  
}

**The Java Code of the Second Activity**

@Override  
**protected void** onCreate(Bundle savedInstanceState) {  
 **super**.onCreate(savedInstanceState);  
 setContentView(R.layout.***activity\_second***);  
 Intent i = getIntent();  
 *//Return the intent that started this activity* String name=i.getStringExtra(**"name"**);  
 String age = i.getStringExtra(**"age"**);  
 *//this is used to get value which is passed in the Activity* TextView t1=findViewById(R.id.***textView***);  
 TextView t2 = findViewById(R.id.***textView2***);  
 t1.setText(name);  
 t2.setText(age);  
 *//this is used to send the data to the xml layout through java code*}

