**PR-7**

**7 Develop program to accept and display personal information of the student.**

**XML Code**

<?xml version="1.0" encoding="utf-8"?>  
<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 android:orientation="vertical"  
 android:padding="24dp"  
 android:gravity="center\_horizontal"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent">  
  
 <EditText  
 android:id="@+id/nameEditText"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:hint="Enter Name"  
 android:inputType="textPersonName" />  
  
 <!-- Age -->  
 <EditText  
 android:id="@+id/ageEditText"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:hint="Enter Age"  
 android:inputType="number"  
 android:layout\_marginTop="10dp" />  
  
 <!-- Roll Number -->  
 <EditText  
 android:id="@+id/rollEditText"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:hint="Enter Roll Number"  
 android:inputType="text"  
 android:layout\_marginTop="10dp" />  
  
 <!-- Branch -->  
 <EditText  
 android:id="@+id/branchEditText"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:hint="Enter Branch"  
 android:inputType="text"  
 android:layout\_marginTop="10dp" />  
  
 <!-- Submit Button -->  
 <Button  
 android:id="@+id/submitButton"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:text="Show Info"  
 android:layout\_marginTop="15dp" />  
  
 <!-- Display Result -->  
 <TextView  
 android:id="@+id/resultTextView"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:text=""  
 android:textSize="18sp"  
 android:textStyle="bold"  
 android:layout\_marginTop="20dp"/>  
</LinearLayout>

**Java Code**

package com.example.pr7\_studentinfo;  
  
import android.os.Bundle;  
import android.view.View;  
import android.widget.\*;  
import androidx.appcompat.app.AppCompatActivity;  
  
public class MainActivity extends AppCompatActivity {  
  
 EditText nameEditText, ageEditText, rollEditText, branchEditText;  
 Button submitButton;  
 TextView resultTextView;  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_main*);  
  
 // Connect UI elements  
 nameEditText = findViewById(R.id.*nameEditText*);  
 ageEditText = findViewById(R.id.*ageEditText*);  
 rollEditText = findViewById(R.id.*rollEditText*);  
 branchEditText = findViewById(R.id.*branchEditText*);  
 submitButton = findViewById(R.id.*submitButton*);  
 resultTextView = findViewById(R.id.*resultTextView*);  
  
 // Handle button click  
 submitButton.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 // Get input values  
 String name = nameEditText.getText().toString();  
 String age = ageEditText.getText().toString();  
 String roll = rollEditText.getText().toString();  
 String branch = branchEditText.getText().toString();  
  
 // Display info  
 String result = "Student Info:\n\n" +  
 "Name: " + name + "\n" +  
 "Age: " + age + "\n" +  
 "Roll No: " + roll + "\n" +  
 "Branch: " + branch;  
  
 resultTextView.setText(result);  
 }  
 });  
 }  
}