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:id="@+id/main"  
 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"  
 android:gravity="center\_horizontal">  
  
 <TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Login Form"  
 android:layout\_marginTop="80dp"  
 android:textSize="24sp"  
 android:layout\_gravity="center\_horizontal"/>  
  
 <EditText  
 android:id="@+id/username"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_margin="16dp"  
 android:layout\_marginTop="50dp"  
 android:hint="Username"  
 android:inputType="text" />  
  
 <EditText  
 android:id="@+id/password"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:hint="Password"  
 android:layout\_margin="16dp"  
 android:inputType="textPassword" />  
  
 <CheckBox  
 android:id="@+id/showPassword"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Show Password"  
 android:layout\_gravity="center"/>  
  
 <Button  
 android:id="@+id/loginButton"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_margin="16dp"  
 android:text="Login" />  
 </LinearLayout>  
  
</RelativeLayout>

MainActivity

package com.example.myapplication;  
  
import android.content.Intent;  
import android.os.Bundle;  
import android.text.method.HideReturnsTransformationMethod;  
import android.text.method.PasswordTransformationMethod;  
import android.view.View;  
import android.widget.Button;  
import android.widget.CheckBox;  
import android.widget.EditText;  
import android.widget.Toast;  
  
import androidx.activity.EdgeToEdge;  
import androidx.appcompat.app.AppCompatActivity;  
  
public class MainActivity extends AppCompatActivity {  
 Button submit;  
 EditText user, pass;  
 private CheckBox showpass;  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 EdgeToEdge.*enable*(this);  
 setContentView(R.layout.*activity\_main*);  
 submit = (Button) findViewById(R.id.*loginButton*);  
 user = (EditText) findViewById(R.id.*username*);  
 pass = (EditText) findViewById(R.id.*password*);  
 showpass = findViewById(R.id.*showPassword*);  
  
 showpass.setOnCheckedChangeListener((buttonView, isChecked) -> {  
 if (isChecked) {  
 // Show Password  
 pass.setTransformationMethod(HideReturnsTransformationMethod.*getInstance*());  
 } else {  
 // Hide Password  
 pass.setTransformationMethod(PasswordTransformationMethod.*getInstance*());  
 }  
 });  
  
 submit.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View view) {  
 String username = user.getText().toString();  
 String password = pass.getText().toString();  
 if (username.equals("chhagan") && password.equals("12345")) {  
 Intent intent = new Intent(MainActivity.this, Activity2.class);  
 startActivity(intent);  
 finish();  
 } else {  
 Toast.*makeText*(MainActivity.this, "Invalid username and password", Toast.*LENGTH\_SHORT*).show();  
 }  
 }  
 });  
 }  
}

activity\_2

<?xml version="1.0" encoding="utf-8"?>  
<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:orientation="vertical"  
 android:padding="16dp">  
  
 <TextView  
 android:id="@+id/question"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Question will appear here"  
 android:textSize="18sp"  
 android:layout\_marginBottom="16dp" />  
  
 <RadioGroup  
 android:id="@+id/answersGroup"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:orientation="vertical">  
 <RadioButton  
 android:id="@+id/answer1"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Answer 1" />  
 <RadioButton  
 android:id="@+id/answer2"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Answer 2" />  
 <RadioButton  
 android:id="@+id/answer3"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Answer 3" />  
 <RadioButton  
 android:id="@+id/answer4"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Answer 4" />  
 </RadioGroup>  
  
 <Button  
 android:id="@+id/nextButton"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Next"  
 android:layout\_marginTop="16dp" />  
  
</LinearLayout>

Activity2

package com.example.myapplication;  
  
import android.annotation.SuppressLint;  
import android.content.Intent;  
import android.os.Bundle;  
import android.view.View;  
import android.widget.Button;  
import android.widget.RadioButton;  
import android.widget.RadioGroup;  
import android.widget.TextView;  
import android.widget.Toast;  
  
import androidx.appcompat.app.AppCompatActivity;  
  
public class Activity2 extends AppCompatActivity {  
  
 private TextView questionText;  
 private RadioGroup answersGroup;  
 private Button nextButton;  
  
 private String[] questions = {  
 "What is the capital of France?",  
 "Who is the creator of Android?",  
 "What is the largest planet in our solar system?",  
 "Which language is used for Android development?"  
 };  
  
 private String[][] answers = {  
 {"Berlin", "Madrid", "Paris", "Lisbon"},  
 {"Steve Jobs", "Andy Rubin", "Mark Zuckerberg", "Bill Gates"},  
 {"Earth", "Mars", "Jupiter", "Saturn"},  
 {"Java", "Python", "C#", "Ruby"}  
 };  
  
 private int[] correctAnswers = {2, 1, 2, 0};  
  
 private int currentQuestionIndex = 0;  
 private int score = 0;  
  
 @SuppressLint("MissingInflatedId")  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_2*);  
  
 questionText = findViewById(R.id.*question*);  
 answersGroup = findViewById(R.id.*answersGroup*);  
 nextButton = findViewById(R.id.*nextButton*);  
  
 loadQuestion();  
  
 nextButton.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 int selectedId = answersGroup.getCheckedRadioButtonId();  
 if (selectedId == -1) {  
 Toast.*makeText*(Activity2.this, "Please select an answer", Toast.*LENGTH\_SHORT*).show();  
 } else {  
 RadioButton selectedRadioButton = findViewById(selectedId);  
 int answerIndex = answersGroup.indexOfChild(selectedRadioButton);  
 if (answerIndex == correctAnswers[currentQuestionIndex]) {  
 score++;  
 }  
  
 currentQuestionIndex++;  
 if (currentQuestionIndex < questions.length) {  
 loadQuestion();  
 } else {  
 Intent intent = new Intent(Activity2.this, Activity3.class);  
 intent.putExtra("SCORE", score);  
 startActivity(intent);  
 finish();  
 }  
 }  
 }  
 });  
 }  
  
 private void loadQuestion() {  
 questionText.setText(questions[currentQuestionIndex]);  
 answersGroup.clearCheck();  
 for (int i = 0; i < answersGroup.getChildCount(); i++) {  
 ((RadioButton) answersGroup.getChildAt(i)).setText(answers[currentQuestionIndex][i]);  
 }  
 }  
}

activity\_3

<?xml version="1.0" encoding="utf-8"?>  
<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:orientation="vertical"  
 android:padding="16dp">  
  
 <TextView  
 android:id="@+id/result"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Your score is:"  
 android:textSize="28sp"  
 android:layout\_marginTop="50dp"  
 android:layout\_marginBottom="16dp" />  
  
 <Button  
 android:id="@+id/restartButton"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Restart Quiz"  
 android:layout\_marginTop="16dp" />  
  
</LinearLayout>

Activity3

package com.example.myapplication;  
  
import android.annotation.SuppressLint;  
import android.os.Bundle;  
import android.content.Intent;  
import android.view.View;  
import android.widget.Button;  
import android.widget.TextView;  
import androidx.activity.EdgeToEdge;  
import androidx.appcompat.app.AppCompatActivity;  
  
  
public class Activity3 extends AppCompatActivity {  
 private TextView resultText;  
 private Button restartButton;  
 @SuppressLint("MissingInflatedId")  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 EdgeToEdge.*enable*(this);  
 setContentView(R.layout.*activity\_3*);  
 resultText = findViewById(R.id.*result*);  
 restartButton = findViewById(R.id.*restartButton*);  
  
 int score = getIntent().getIntExtra("SCORE", 0);  
 resultText.setText("Your score is: " + score);  
  
 restartButton.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 Intent intent = new Intent(Activity3.this, Activity2.class);  
 startActivity(intent);  
 finish();  
 }  
 });  
 }  
}