**MainActivity.java**

package com.example.testpronew;  
  
import androidx.appcompat.app.AppCompatActivity;  
  
import android.app.AlertDialog;  
import android.graphics.Color;  
import android.os.Bundle;  
import android.view.View;  
import android.widget.Button;  
import android.widget.TextView;  
  
public class MainActivity extends AppCompatActivity implements View.OnClickListener{  
  
 TextView totalQuestionsTextView;  
 TextView questionTextView;  
 Button ansA, ansB, ansC, ansD;  
 Button submitBtn;  
  
 int score=0;  
 int totalQuestion = easy.tuto.testpronew.QuestionAnswer.*question*.length;  
 int currentQuestionIndex = 0;  
 String selectedAnswer = "";  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_main*);  
  
 totalQuestionsTextView = findViewById(R.id.*total\_question*);  
 questionTextView = findViewById(R.id.*question*);  
 ansA = findViewById(R.id.*ans\_A*);  
 ansB = findViewById(R.id.*ans\_B*);  
 ansC = findViewById(R.id.*ans\_C*);  
 ansD = findViewById(R.id.*ans\_D*);  
 submitBtn = findViewById(R.id.*submit\_btn*);  
  
 ansA.setOnClickListener(this);  
 ansB.setOnClickListener(this);  
 ansC.setOnClickListener(this);  
 ansD.setOnClickListener(this);  
 submitBtn.setOnClickListener(this);  
  
 totalQuestionsTextView.setText("Total questions : "+totalQuestion);  
  
 loadNewQuestion();  
  
  
  
  
 }  
  
 @Override  
 public void onClick(View view) {  
  
 ansA.setBackgroundColor(Color.*WHITE*);  
 ansB.setBackgroundColor(Color.*WHITE*);  
 ansC.setBackgroundColor(Color.*WHITE*);  
 ansD.setBackgroundColor(Color.*WHITE*);  
  
 Button clickedButton = (Button) view;  
 if(clickedButton.getId()==R.id.*submit\_btn*){  
 if(selectedAnswer.equals(easy.tuto.testpronew.QuestionAnswer.*correctAnswers*[currentQuestionIndex])){  
 score++;  
 }  
 currentQuestionIndex++;  
 loadNewQuestion();  
  
  
 }else{  
 //choices button clicked  
 selectedAnswer = clickedButton.getText().toString();  
 clickedButton.setBackgroundColor(Color.*MAGENTA*);  
  
 }  
  
 }  
  
 void loadNewQuestion(){  
  
 if(currentQuestionIndex == totalQuestion ){  
 finishQuiz();  
 return;  
 }  
  
 questionTextView.setText(easy.tuto.testpronew.QuestionAnswer.*question*[currentQuestionIndex]);  
 ansA.setText(easy.tuto.testpronew.QuestionAnswer.*choices*[currentQuestionIndex][0]);  
 ansB.setText(easy.tuto.testpronew.QuestionAnswer.*choices*[currentQuestionIndex][1]);  
 ansC.setText(easy.tuto.testpronew.QuestionAnswer.*choices*[currentQuestionIndex][2]);  
 ansD.setText(easy.tuto.testpronew.QuestionAnswer.*choices*[currentQuestionIndex][3]);  
  
 }  
  
 void finishQuiz(){  
 String passStatus = "";  
 if(score > totalQuestion\*0.60){  
 passStatus = "Passed";  
 }else{  
 passStatus = "Failed";  
 }  
  
 new AlertDialog.Builder(this)  
 .setTitle(passStatus)  
 .setMessage("Score is "+ score+" out of "+ totalQuestion)  
 .setPositiveButton("Restart",(dialogInterface, i) -> restartQuiz() )  
 .setCancelable(false)  
 .show();  
  
  
 }  
  
 void restartQuiz(){  
 score = 0;  
 currentQuestionIndex =0;  
 loadNewQuestion();  
 }  
  
}