**KVIZ true/false**

**MainActivity.java**

**package** com.example.myapplication17;  
  
  
**import** androidx.appcompat.app.AppCompatActivity;  
  
**import** android.os.Bundle;  
**import** android.view.View;  
**import** android.widget.Button;  
**import** android.widget.ImageButton;  
**import** android.widget.TextView;  
**import** android.widget.Toast;  
  
**public class** MainActivity **extends** AppCompatActivity **implements** View.OnClickListener {  
 **private** Button **buttonFalse**;  
 **private** Button **buttonTrue**;  
 **private** TextView **question**;  
 **private** ImageButton **nextButton**;  
 **private** ImageButton **prButton**;  
 **private int currentIndex**=0;  
  
 **private** Question [] **questionBank** = **new** Question[]{  
 **new** Question(R.string.***question1***,**true**),  
 **new** Question(R.string.***question2***,**true**),  
 **new** Question(R.string.***question3***,**true**),  
 **new** Question(R.string.***question4***,**false**),  
 **new** Question(R.string.***question5***,**false**),  
 **new** Question(R.string.***question6***,**false**)  
 };  
  
  
  
 @Override  
 **protected void** onCreate(Bundle savedInstanceState) {  
 **super**.onCreate(savedInstanceState);  
 setContentView(R.layout.***activity\_main***);  
  
  
  
 **question** = findViewById(R.id.***question***);  
 **buttonFalse** = findViewById(R.id.***btn\_false***);  
 **buttonTrue** = findViewById(R.id.***btn\_true***);  
 **nextButton**= findViewById(R.id.***next\_btn***);  
 **prButton** = findViewById(R.id.***pr\_btn***);  
  
  
 **buttonFalse**.setOnClickListener(**this**);  
 **buttonTrue**.setOnClickListener(**this**);  
 **nextButton**.setOnClickListener(**this**);  
 **prButton**.setOnClickListener(**this**);  
 }  
  
 @Override  
 **public void** onClick(View v) {  
 **switch** (v.getId()){  
 **case** R.id.***btn\_false***:  
 checkQuestion(**false**);  
 **break**;  
 **case** R.id.***btn\_true***:  
 checkQuestion(**true**);  
 **break**;  
 **case** R.id.***next\_btn***:  
 **currentIndex**= (**currentIndex**+1)%**questionBank**.**length**;  
 updateQuestion();  
 **break**;  
 **case** R.id.***pr\_btn***:  
 **currentIndex**= (**currentIndex**+**questionBank**.**length**-1)%**questionBank**.**length**;  
 updateQuestion();  
  
 }  
 }  
 **private void** updateQuestion(){  
 **question**.setText(**questionBank**[**currentIndex**].getAnswerResID());  
 }  
 **private void** checkQuestion(**boolean** userAns){  
 **boolean** orignalAns = **questionBank**[**currentIndex**].isAnswerTrue();  
 **int** toastMessage=0;  
 **if** (userAns==orignalAns)  
 toastMessage=R.string.***correctAnswer***;  
 **else** toastMessage= R.string.***wrongAnswer***;  
 Toast.*makeText*(**this**, toastMessage, Toast.***LENGTH\_SHORT***).show();  
 }  
  
}

Question.java

**package** com.example.myapplication17;  
  
  
**public class** Question {  
 **private int answerResID**;  
 **private boolean answerTrue**;  
  
 **public** Question(**int** answerResID, **boolean** answerTrue) {  
 **this**.**answerResID** = answerResID;  
 **this**.**answerTrue** = answerTrue;  
 }  
  
 **public int** getAnswerResID() {  
 **return answerResID**;  
 }  
  
 **public void** setAnswerResID(**int** answerResID) {  
 **this**.**answerResID** = answerResID;  
 }  
  
 **public boolean** isAnswerTrue() {  
 **return answerTrue**;  
 }  
  
 **public void** setAnswerTrue(**boolean** answerTrue) {  
 **this**.**answerTrue** = answerTrue;  
 }  
}

activity\_main

*<?***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"  
 android:gravity="center"  
 android:orientation="vertical"  
 android:background="@color/white"  
 tools:context=".MainActivity"**>  
  
 <**ImageView  
 android:layout\_width="150dp"  
 android:layout\_height="200dp"  
 android:src="@drawable/question"  
 android:id="@+id/image"**/>  
  
 <**TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:id="@+id/question"  
 android:text="@string/question1"  
 android:textColor="@color/black"  
 android:padding="8dp"  
 android:textSize="20sp"  
 android:textStyle="bold"**/>  
  
 <**LinearLayout  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="20dp"  
 android:orientation="horizontal"**>  
  
 <**Button  
 android:id="@+id/btn\_true"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_margin="8dp"  
  
 android:backgroundTint="@color/teal\_200"  
 android:text="@string/text\_true"  
 android:textColor="#311B92"** />  
  
 <**Button  
 android:id="@+id/btn\_false"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_margin="8dp"  
 android:backgroundTint="@color/teal\_200"  
 android:text="@string/text\_false"  
 android:textColor="#5E35B1"** />  
  
 </**LinearLayout**>  
  
 <**LinearLayout  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:orientation="horizontal"**>  
  
  
 <**ImageButton  
 android:id="@+id/pr\_btn"  
 android:layout\_width="50dp"  
 android:layout\_height="40dip"  
 android:layout\_marginEnd="8dp"  
 android:layout\_marginRight="8dp"  
 android:background="@android:color/holo\_blue\_bright"  
 android:contentDescription="Previous"  
 android:scaleType="fitXY"  
 android:src="@drawable/pr\_icon"  
 tools:ignore="TouchTargetSizeCheck,TouchTargetSizeCheck"** />  
  
 <**ImageButton  
 android:id="@+id/next\_btn"  
 android:layout\_width="50dp"  
 android:layout\_height="40dip"  
 android:background="@android:color/holo\_blue\_bright"  
 android:contentDescription="Next"  
 android:scaleType="fitXY"  
 android:src="@drawable/next\_icon"  
 tools:ignore="TouchTargetSizeCheck,TouchTargetSizeCheck,TouchTargetSizeCheck"** />  
 </**LinearLayout**>  
  
</**LinearLayout**>

Strings.xml

<**resources**>  
 <**string name="app\_name"**>Quiz App</**string**>  
 <**string name="question1"**>1. Zagreb je glavni grad Hrvatske.</**string**>  
 <**string name="question2"**>2. Rijeka je glavno središte PGŽ.</**string**>  
 <**string name="question3"**>3. Android studio je započeo razvijati Google.</**string**>  
 <**string name="question4"**>4. Izgled korisničkog sučelja je definirano u layoutu.</**string**>  
 <**string name="question5"**>5. Novi projekt se mora stvoriti s praznom aktivnosti.</**string**>  
 <**string name="question6"**>6. Postoji samo implicitni intent</**string**>  
 <**string name="correctAnswer"**>This is correct</**string**>  
 <**string name="wrongAnswer"**>This is Wrong</**string**>  
 <**string name="text\_true"**>True</**string**>  
 <**string name="text\_false"**>False</**string**>  
</**resources**>

Slika na kojoj se prikazuje strijela

Opis je automatski generiranSlika na kojoj se prikazuje strijela

Opis je automatski generiran

Dodaj brojač točnih odgovora

**package** com.example.myapplication17;  
  
**import** androidx.appcompat.app.AppCompatActivity;  
  
**import** android.os.Bundle;  
**import** android.view.View;  
**import** android.widget.Button;  
**import** android.widget.ImageButton;  
**import** android.widget.TextView;  
**import** android.widget.Toast;  
  
**public class** MainActivity **extends** AppCompatActivity **implements** View.OnClickListener {  
 **private** Button **buttonFalse**;  
 **private** Button **buttonTrue**;  
 **private** TextView **question**, **tv\_tocniOdgovori**;  
 **private** ImageButton **nextButton**;  
 **private** ImageButton **prButton**;  
 **private int currentIndex**=0;  
 **int correctAns**;  
  
 **private** Question [] **questionBank** = **new** Question[]{  
 **new** Question(R.string.***question1***,**true**),  
 **new** Question(R.string.***question2***,**true**),  
 **new** Question(R.string.***question3***,**true**),  
 **new** Question(R.string.***question4***,**false**),  
 **new** Question(R.string.***question5***,**false**),  
 **new** Question(R.string.***question6***,**false**)  
 };  
  
  
  
 @Override  
 **protected void** onCreate(Bundle savedInstanceState) {  
 **super**.onCreate(savedInstanceState);  
 setContentView(R.layout.***activity\_main***);  
  
  
  
 **question** = findViewById(R.id.***question***);  
 **buttonFalse** = findViewById(R.id.***btn\_false***);  
 **buttonTrue** = findViewById(R.id.***btn\_true***);  
 **nextButton**= findViewById(R.id.***next\_btn***);  
 **prButton** = findViewById(R.id.***pr\_btn***);  
 **tv\_tocniOdgovori** = findViewById(R.id.***tv\_tocniOdgovori***);  
  
 **buttonFalse**.setOnClickListener(**this**);  
 **buttonTrue**.setOnClickListener(**this**);  
 **nextButton**.setOnClickListener(**this**);  
 **prButton**.setOnClickListener(**this**);  
  
 zbroj();  
 }  
  
 @Override  
 **public void** onClick(View v) {  
 **switch** (v.getId()){  
 **case** R.id.***btn\_false***:  
 checkQuestion(**false**);  
 **break**;  
 **case** R.id.***btn\_true***:  
 checkQuestion(**true**);  
 **break**;  
 **case** R.id.***next\_btn***:  
 **currentIndex**= (**currentIndex**+1)%**questionBank**.**length**;  
 updateQuestion();  
 **break**;  
 **case** R.id.***pr\_btn***:  
 **currentIndex**= (**currentIndex**+**questionBank**.**length**-1)%**questionBank**.**length**;  
 updateQuestion();  
  
 }  
 }  
 **private void** updateQuestion(){  
 **question**.setText(**questionBank**[**currentIndex**].getAnswerResID());  
 }  
 **private void** checkQuestion(**boolean** userAns){  
 **boolean** orignalAns = **questionBank**[**currentIndex**].isAnswerTrue();  
 **int** toastMessage=0;  
 **if** (userAns==orignalAns)  
 {  
 toastMessage = R.string.***correctAnswer***;  
 **correctAns**=**correctAns**+1;  
 zbroj();  
 nextQuest();  
 }  
 **else** toastMessage= R.string.***wrongAnswer***;  
 Toast.*makeText*(**this**, toastMessage, Toast.***LENGTH\_SHORT***).show();  
  
 }  
  
  
 **public void** zbroj()  
 {  
 **tv\_tocniOdgovori**.setText(String.*valueOf*(**correctAns**));  
 }  
 **public void** nextQuest()  
 {  
 **currentIndex**= (**currentIndex**+1)%**questionBank**.**length**;  
 updateQuestion();  
 }  
}

*<?***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"  
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 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:gravity="center"  
 android:orientation="vertical"  
 android:background="@color/white"  
 tools:context=".MainActivity"**>  
  
 <**ImageView  
 android:layout\_width="150dp"  
 android:layout\_height="200dp"  
 android:src="@drawable/img\_2"  
 android:id="@+id/image"**/>  
  
 <**TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:id="@+id/question"  
 android:text="@string/question1"  
 android:textColor="@color/black"  
 android:padding="8dp"  
 android:textSize="20sp"  
 android:textStyle="bold"**/>  
  
 <**LinearLayout  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="20dp"  
 android:orientation="horizontal"**>  
  
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 android:layout\_marginRight="8dp"  
 android:background="@android:color/holo\_blue\_bright"  
 android:contentDescription="Previous"  
 android:scaleType="fitXY"  
 android:src="@drawable/img\_1"  
 tools:ignore="TouchTargetSizeCheck,TouchTargetSizeCheck"** />  
  
 <**ImageButton  
 android:id="@+id/next\_btn"  
 android:layout\_width="50dp"  
 android:layout\_height="40dip"  
 android:background="@android:color/holo\_blue\_bright"  
 android:contentDescription="Next"  
 android:scaleType="fitXY"  
 android:src="@drawable/img"  
 tools:ignore="TouchTargetSizeCheck,TouchTargetSizeCheck,TouchTargetSizeCheck"** />  
 </**LinearLayout**>  
  
 <**TextView  
 android:id="@+id/textView"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:text="BROJ TOČNIH ODGOVORA:"  
 android:gravity="center"**/>  
  
 <**TextView  
 android:id="@+id/tv\_tocniOdgovori"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:text=""  
 android:textSize="30dp"  
 android:gravity="center"**/>  
</**LinearLayout**>