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| --- | --- |
| Student ID | IT22077424 |
| Batch | 3.02 |
| Marks |  |
| 1. Code Quality and Organization (2 Points) |  |
| 1. Functionality (4 Points) |  |
| 1. Creativity and User Interface Design (2 Points) |  |
| 1. Performance and Stability (2 Point) |  |
| Total: 10 Marks |  |
| Evaluator |  |

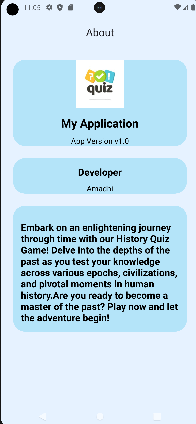
**Description:**

My app is a simple random questioner game. The user picks the easy mode or difficult mode. There are 14 questions. 7 questions for each category hard and simple. After answering user can see score and the high score. After every quiz you can see a fun fact

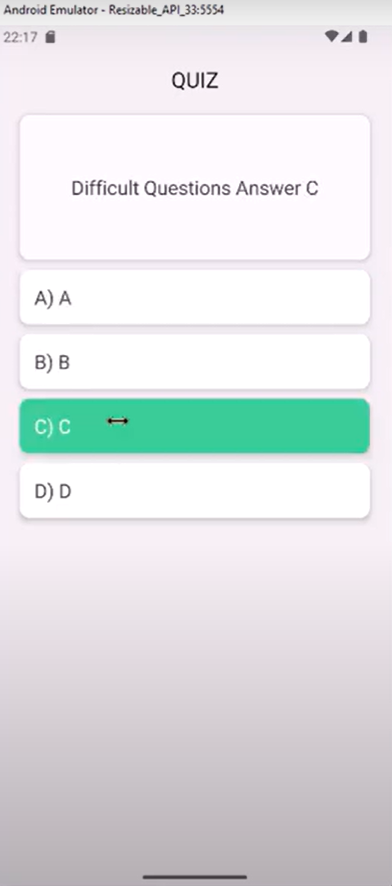
**Instructions:**

Select the mode then answer each question by clicking on the answers

**Screenshots:**

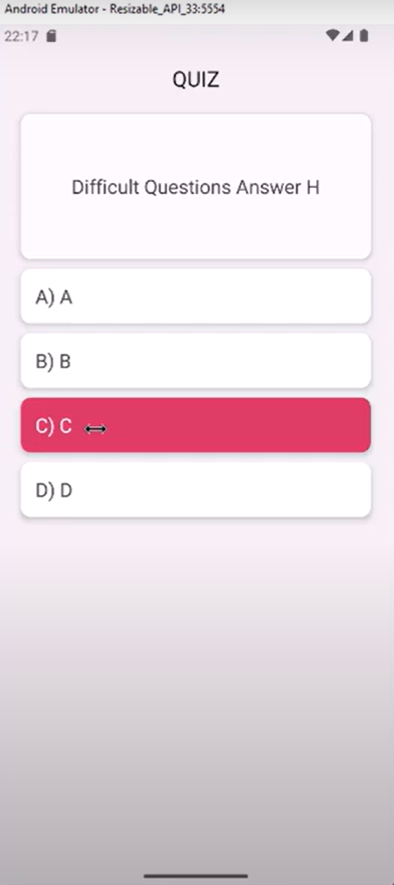
**A screenshot of a quiz

Description automatically generated**

A screenshot of a cell phone

Description automatically generated

A screenshot of a phone

Description automatically generated

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AboutActivity.kt

package com.lab\_exam.myapplication  
  
import android.content.ActivityNotFoundException  
import android.content.Intent  
import android.content.SharedPreferences  
import android.content.res.Configuration  
import android.net.Uri  
import android.os.Bundle  
import androidx.appcompat.app.AppCompatActivity  
import com.google.android.material.card.MaterialCardView  
  
class AboutActivity : AppCompatActivity() {  
 private lateinit var developerCard: MaterialCardView  
  
 override fun onCreate(savedInstanceState: Bundle?) {  
 super.onCreate(savedInstanceState)  
 setContentView(R.layout.*activity\_about*)  
  
 developerCard = findViewById(R.id.*developerCard*)  
  
 // Your existing code for developerCard click listener  
 developerCard.setOnClickListener **{** val uri = Uri.parse("https://www.instagram.com/developer")  
 val likeIntent = Intent(Intent.*ACTION\_VIEW*, uri)  
 likeIntent.setPackage("com.instagram.android")  
 try {  
 startActivity(likeIntent)  
 } catch (e: ActivityNotFoundException) {  
 startActivity(Intent(Intent.*ACTION\_VIEW*, Uri.parse("https://www.instagram.com/developer")))  
 }  
 **}** }  
  
 override fun onBackPressed() {  
 super.onBackPressed()  
 startActivity(Intent(this, MainActivity::class.*java*))  
 finish()  
 }  
}

BasicQuiz.kt

package com.lab\_exam.myapplication  
  
import android.annotation.SuppressLint  
import android.content.Context  
import android.content.DialogInterface  
import android.content.Intent  
import android.graphics.Color  
import android.os.Bundle  
import android.os.Handler  
import android.widget.TextView  
import androidx.appcompat.app.AppCompatActivity  
import com.google.android.material.dialog.MaterialAlertDialogBuilder  
import org.json.JSONException  
import org.json.JSONObject  
import java.io.IOException  
import java.io.InputStream  
  
class BasicQuiz : AppCompatActivity() {  
  
 private lateinit var quiztext: TextView  
 private lateinit var aans: TextView  
 private lateinit var bans: TextView  
 private lateinit var cans: TextView  
 private lateinit var dans: TextView  
 private lateinit var funFactTextView: TextView  
  
 private var questionItems = *mutableListOf*<QuestionsItems>()  
 private var currentQuestions = 0  
 private var correct = 0  
 private var wrong = 0  
  
 // Array of fun facts  
 private val funFacts = *arrayOf*(  
 "Fun Fact : Rats killed over 75 million Europeans in the Middle Ages.",  
 "Fun Fact : The shortest war in history was between Britain and Zanzibar on August 27, 1896. Zanzibar surrendered after 38 minutes.",  
 "Fun Fact : The Eiffel Tower can be 15 cm taller during the summer due to thermal expansion of the iron.",  
 "Fun Fact : Queen Elizabeth II was never supposed to be queen.",  
 "Fun Fact : The Leaning Tower of Pisa never stood up straight.",  
 "Fun Fact : The tiny Easter Island is home to 887 giant head statues.",  
 "Fun Fact : The first living creature in space was a dog named Laika.",  
 "Fun Fact : In Ancient Egypt, the New Year celebration was called Wepet Renpet.",  
 "Fun Fact : The Vikings loved grooming.",  
 )  
  
 @SuppressLint("MissingInflatedId")  
 override fun onCreate(savedInstanceState: Bundle?) {  
 super.onCreate(savedInstanceState)  
 setContentView(R.layout.*activity\_quiz*)  
  
 quiztext = findViewById(R.id.*quizText*)  
 aans = findViewById(R.id.*aanswer*)  
 bans = findViewById(R.id.*banswer*)  
 cans = findViewById(R.id.*canswer*)  
 dans = findViewById(R.id.*danswer*)  
 funFactTextView = findViewById(R.id.*funFactTextView*) // Initialize funFactTextView  
  
 // Display the high score  
 displayHighScore()  
  
 // Load questions  
 loadAllQuestions()  
 questionItems.*shuffle*()  
 setQuestionScreen(currentQuestions)  
  
 // Set click listeners for answer options  
 aans.setOnClickListener **{** checkAnswer(questionItems[currentQuestions].answer1, aans)  
 **}** bans.setOnClickListener **{** checkAnswer(questionItems[currentQuestions].answer2, bans)  
 **}** cans.setOnClickListener **{** checkAnswer(questionItems[currentQuestions].answer3, cans)  
 **}** dans.setOnClickListener **{** checkAnswer(questionItems[currentQuestions].answer4, dans)  
 **}** // Set random fun fact  
 setRandomFunFact()  
 }  
  
 private fun displayHighScore() {  
 // Find the TextView for high score  
 val highScoreTextView = findViewById<TextView>(R.id.*highScoreTextView*)  
  
 // Retrieve the high score from SharedPreferences  
 val sharedPreferences = getSharedPreferences("HighScores", Context.*MODE\_PRIVATE*)  
 val highScore = sharedPreferences.getInt("highScore", 0)  
  
 // Display the high score  
 highScoreTextView.*text* = "High Score: $highScore"  
 }  
  
 private fun checkAnswer(selectedAnswer: String, selectedView: TextView) {  
 val correctAnswer = questionItems[currentQuestions].correct  
  
 if (selectedAnswer == correctAnswer) {  
 correct++  
 // Change the text color of the selected answer to green  
 selectedView.setTextColor(Color.*GREEN*)  
 } else {  
 wrong++  
 // Change the text color of the selected answer to red  
 selectedView.setTextColor(Color.*RED*)  
 }  
  
 // Disable click listeners on all answers  
 aans.*isClickable* = false  
 bans.*isClickable* = false  
 cans.*isClickable* = false  
 dans.*isClickable* = false  
  
 // Delay for 500 milliseconds before moving to the next question  
 Handler().postDelayed(**{** currentQuestions++  
 if (currentQuestions < questionItems.size) {  
 setQuestionScreen(currentQuestions)  
 // Reset text color for the next question  
 resetAnswerColors()  
 // Enable click listeners on all answers for the next question  
 aans.*isClickable* = true  
 bans.*isClickable* = true  
 cans.*isClickable* = true  
 dans.*isClickable* = true  
 // Set a new random fun fact  
 setRandomFunFact()  
 } else {  
 val intent = Intent(this@BasicQuiz, ResultActivity::class.*java*)  
 intent.putExtra("correct", correct)  
 intent.putExtra("wrong", wrong)  
 startActivity(intent)  
 finish()  
 }  
 **}**, 500)  
 }  
  
 private fun setQuestionScreen(currentQuestions: Int) {  
 val currentItem = questionItems[currentQuestions]  
 quiztext.*text* = currentItem.questions  
 aans.*text* = currentItem.answer1  
 bans.*text* = currentItem.answer2  
 cans.*text* = currentItem.answer3  
 dans.*text* = currentItem.answer4  
 }  
  
 private fun loadAllQuestions() {  
 questionItems = *mutableListOf*()  
 val jsonQuiz = loadJsonFromAsset("easyquestions.json")  
 try {  
 val jsonObject = JSONObject(jsonQuiz)  
 val questions = jsonObject.getJSONArray("easyquestions")  
 for (i in 0 *until* questions.length()) {  
 val question = questions.getJSONObject(i)  
 val questionString = question.getString("question")  
 val answer1String = question.getString("answer1")  
 val answer2String = question.getString("answer2")  
 val answer3String = question.getString("answer3")  
 val answer4String = question.getString("answer4")  
 val correctString = question.getString("correct")  
 questionItems.add(QuestionsItems(  
 questionString,  
 answer1String,  
 answer2String,  
 answer3String,  
 answer4String,  
 correctString,  
  
 ))  
 }  
 } catch (e: JSONException) {  
 e.printStackTrace()  
 // Handle JSON parsing error here, for example:  
 // Toast.makeText(this, "Error loading questions", Toast.LENGTH\_SHORT).show()  
 // Log.e("BasicQuiz", "Error loading questions", e)  
 }  
 }  
  
  
 private fun loadJsonFromAsset(s: String): String {  
 var json = ""  
 try {  
 val inputStream: InputStream = *assets*.open(s)  
 val size = inputStream.available()  
 val buffer = ByteArray(size)  
 inputStream.read(buffer)  
 inputStream.close()  
 json = *String*(buffer, *charset*("UTF-8"))  
 } catch (e: IOException) {  
 e.printStackTrace()  
 }  
 return json  
 }  
  
 private fun resetAnswerColors() {  
 aans.setTextColor(Color.*BLACK*)  
 bans.setTextColor(Color.*BLACK*)  
 cans.setTextColor(Color.*BLACK*)  
 dans.setTextColor(Color.*BLACK*)  
 }  
  
 private fun setRandomFunFact() {  
 // Generate a random index to select a fun fact  
 val randomIndex = (0 *until* funFacts.size).*random*()  
 // Set the selected fun fact to the TextView  
 funFactTextView.*text* = funFacts[randomIndex]  
 }  
  
 override fun onBackPressed() {  
 super.onBackPressed() // Call the superclass implementation  
 val materialAlertDialogBuilder = MaterialAlertDialogBuilder(this)  
 materialAlertDialogBuilder.setTitle(R.string.*app\_name*)  
 materialAlertDialogBuilder.setMessage("Are you sure you want to exit the quiz?")  
 materialAlertDialogBuilder.setNegativeButton(android.R.string.*no*) **{** dialogInterface: DialogInterface, i: Int **->** dialogInterface.dismiss()  
 **}** materialAlertDialogBuilder.setPositiveButton(android.R.string.*yes*) **{** dialogInterface: DialogInterface, i: Int **->** startActivity(Intent(this@BasicQuiz, MainActivity::class.*java*))  
 finish()  
 **}** materialAlertDialogBuilder.show()  
 }  
  
}

DifficultQuiz.kt

package com.lab\_exam.myapplication  
  
  
import android.content.DialogInterface  
import android.content.Intent  
import android.graphics.Color  
import android.os.Bundle  
import android.os.Handler  
import android.widget.TextView  
import androidx.appcompat.app.AppCompatActivity  
import com.google.android.material.dialog.MaterialAlertDialogBuilder  
import org.json.JSONObject  
import android.content.Context  
  
import java.io.InputStream  
  
class DifficultQuiz : AppCompatActivity() {  
  
 private lateinit var quiztext: TextView  
 private lateinit var aans: TextView  
 private lateinit var bans: TextView  
 private lateinit var cans: TextView  
 private lateinit var dans: TextView  
 private lateinit var highScoreTextView: TextView // Added  
 private lateinit var funFactTextView: TextView // Added  
  
 private lateinit var questionItems: MutableList<QuestionsItems>  
 private var currentQuestions = 0  
 private var correct = 0  
 private var wrong = 0  
  
 override fun onCreate(savedInstanceState: Bundle?) {  
 super.onCreate(savedInstanceState)  
 setContentView(R.layout.*activity\_quiz*)  
  
 quiztext = findViewById(R.id.*quizText*)  
 aans = findViewById(R.id.*aanswer*)  
 bans = findViewById(R.id.*banswer*)  
 cans = findViewById(R.id.*canswer*)  
 dans = findViewById(R.id.*danswer*)  
 highScoreTextView = findViewById(R.id.*highScoreTextView*) // Added  
 funFactTextView = findViewById(R.id.*funFactTextView*) // Added  
  
 loadAllQuestions()  
 questionItems.*shuffle*()  
 setQuestionScreen(currentQuestions)  
  
 aans.setOnClickListener **{** checkAnswer(aans.*text*.toString(), aans)  
 **}** bans.setOnClickListener **{** checkAnswer(bans.*text*.toString(), bans)  
 **}** cans.setOnClickListener **{** checkAnswer(cans.*text*.toString(), cans)  
 **}** dans.setOnClickListener **{** checkAnswer(dans.*text*.toString(), dans)  
 **}** // Display the high score  
 displayHighScore()  
 // Display a random fun fact  
 setRandomFunFact()  
 }  
  
 private fun setQuestionScreen(currentQuestions: Int) {  
 quiztext.*text* = questionItems[currentQuestions].questions  
 aans.*text* = questionItems[currentQuestions].answer1  
 bans.*text* = questionItems[currentQuestions].answer2  
 cans.*text* = questionItems[currentQuestions].answer3  
 dans.*text* = questionItems[currentQuestions].answer4  
 }  
  
 private fun checkAnswer(selectedAnswer: String, selectedView: TextView) {  
 val correctAnswer = questionItems[currentQuestions].correct  
  
 if (selectedAnswer == correctAnswer) {  
 correct++  
 // Change the text color of the selected answer to green  
 selectedView.setTextColor(Color.*GREEN*)  
 } else {  
 wrong++  
 // Change the text color of the selected answer to red  
 selectedView.setTextColor(Color.*RED*)  
 }  
  
 // Disable click listeners on all answers  
 aans.*isClickable* = false  
 bans.*isClickable* = false  
 cans.*isClickable* = false  
 dans.*isClickable* = false  
  
 // Delay for 500 milliseconds before moving to the next question  
 Handler().postDelayed(**{** currentQuestions++  
 if (currentQuestions < questionItems.size) {  
 setQuestionScreen(currentQuestions)  
 // Reset text color for the next question  
 resetAnswerColors()  
 // Enable click listeners on all answers for the next question  
 aans.*isClickable* = true  
 bans.*isClickable* = true  
 cans.*isClickable* = true  
 dans.*isClickable* = true  
 // Display a new random fun fact  
 setRandomFunFact()  
 } else {  
 val intent = Intent(this@DifficultQuiz, ResultActivity::class.*java*)  
 intent.putExtra("correct", correct)  
 intent.putExtra("wrong", wrong)  
 startActivity(intent)  
 finish()  
 }  
 **}**, 500)  
 }  
  
 private fun loadAllQuestions() {  
 questionItems = *mutableListOf*()  
 val jsonQuiz = loadJsonFromAsset("difficultquestions.json")  
 try {  
 val jsonObject = JSONObject(jsonQuiz)  
 val questions = jsonObject.getJSONArray("difficultquestions")  
 for (i in 0 *until* questions.length()) {  
 val question = questions.getJSONObject(i)  
 val questionString = question.getString("question")  
 val answer1String = question.getString("answer1")  
 val answer2String = question.getString("answer2")  
 val answer3String = question.getString("answer3")  
 val answer4String = question.getString("answer4")  
 val correctString = question.getString("correct")  
  
 questionItems.add(QuestionsItems(questionString, answer1String, answer2String, answer3String, answer4String, correctString))  
 }  
 } catch (e: Exception) {  
 e.printStackTrace()  
 }  
 }  
  
 private fun loadJsonFromAsset(s: String): String {  
 var json = ""  
 try {  
 val inputStream = *assets*.open(s)  
 val size = inputStream.available()  
 val buffer = ByteArray(size)  
 inputStream.read(buffer)  
 inputStream.close()  
 json = *String*(buffer, *charset*("UTF-8"))  
 } catch (e: Exception) {  
 e.printStackTrace()  
 }  
 return json  
 }  
  
 private fun resetAnswerColors() {  
 aans.setTextColor(Color.*BLACK*)  
 bans.setTextColor(Color.*BLACK*)  
 cans.setTextColor(Color.*BLACK*)  
 dans.setTextColor(Color.*BLACK*)  
 }  
  
 private fun displayHighScore() {  
 // Retrieve the high score from SharedPreferences  
 val sharedPreferences = getSharedPreferences("HighScores", Context.*MODE\_PRIVATE*)  
 val highScore = sharedPreferences.getInt("highScore", 0)  
  
 // Display the high score  
 highScoreTextView.*text* = "High Score: $highScore"  
 }  
  
 private fun setRandomFunFact() {  
 // Array of fun facts  
 val funFacts = *arrayOf*(  
 "Fun Fact : Rats killed over 75 million Europeans in the Middle Ages.",  
 "Fun Fact : The shortest war in history was between Britain and Zanzibar on August 27, 1896. Zanzibar surrendered after 38 minutes.",  
 "Fun Fact : The Eiffel Tower can be 15 cm taller during the summer due to thermal expansion of the iron.",  
 "Fun Fact : Queen Elizabeth II was never supposed to be queen.",  
 "Fun Fact : The Leaning Tower of Pisa never stood up straight.",  
 "Fun Fact : The tiny Easter Island is home to 887 giant head statues.",  
 "Fun Fact : The first living creature in space was a dog named Laika.",  
 "Fun Fact : In Ancient Egypt, the New Year celebration was called Wepet Renpet.",  
 "Fun Fact : The Vikings loved grooming.",  
 )  
  
 // Generate a random index to select a fun fact  
 val randomIndex = (0 *until* funFacts.size).*random*()  
 // Set the selected fun fact to the TextView  
 funFactTextView.*text* = funFacts[randomIndex]  
 }  
  
 override fun onBackPressed() {  
 super.onBackPressed() // Call the superclass method  
 val materialAlertDialogBuilder = MaterialAlertDialogBuilder(this@DifficultQuiz)  
 materialAlertDialogBuilder.setTitle(R.string.*app\_name*)  
 materialAlertDialogBuilder.setMessage("Are you sure you want to exit the quiz?")  
 materialAlertDialogBuilder.setNegativeButton(android.R.string.*no*) **{** dialogInterface: DialogInterface, i: Int **->** dialogInterface.dismiss()  
 **}** materialAlertDialogBuilder.setPositiveButton(android.R.string.*yes*) **{** dialogInterface: DialogInterface, i: Int **->** startActivity(Intent(this@DifficultQuiz, MainActivity::class.*java*))  
 finish()  
 **}** materialAlertDialogBuilder.show()  
 }  
  
}

MainActivity.kt

package com.lab\_exam.myapplication  
  
import android.content.DialogInterface  
import android.content.Intent  
import android.content.SharedPreferences  
import android.content.res.Configuration  
import android.os.Bundle  
import androidx.appcompat.app.AppCompatActivity  
import com.google.android.material.dialog.MaterialAlertDialogBuilder  
import com.google.android.material.card.MaterialCardView  
  
class MainActivity : AppCompatActivity() {  
 private lateinit var easycard: MaterialCardView  
 private lateinit var difficultcard: MaterialCardView  
 private lateinit var aboutcard: MaterialCardView  
  
 override fun onCreate(savedInstanceState: Bundle?) {  
 super.onCreate(savedInstanceState)  
 setContentView(R.layout.*activity\_main*)  
  
 val sharedPreferences: SharedPreferences = getSharedPreferences(MyPREFERENCES, *MODE\_PRIVATE*)  
  
 easycard = findViewById(R.id.*easyCard*)  
 difficultcard = findViewById(R.id.*difficultCard*)  
 aboutcard = findViewById(R.id.*aboutCard*)  
  
 easycard.setOnClickListener **{** startActivity(Intent(this@MainActivity, BasicQuiz::class.*java*))  
 finish()  
 **}** difficultcard.setOnClickListener **{** startActivity(Intent(this@MainActivity, DifficultQuiz::class.*java*))  
 finish()  
 **}** aboutcard.setOnClickListener **{** startActivity(Intent(this@MainActivity, AboutActivity::class.*java*))  
 finish()  
 **}** }  
  
 override fun onBackPressed() {  
 super.onBackPressed()  
 val materialAlertDialogBuilder = MaterialAlertDialogBuilder(this)  
 materialAlertDialogBuilder.setTitle(R.string.*app\_name*)  
 materialAlertDialogBuilder.setMessage("Are you sure you want to exit the app?")  
 materialAlertDialogBuilder.setNegativeButton(android.R.string.*no*) **{** dialogInterface: DialogInterface, i: Int **->** dialogInterface.dismiss()  
 **}** materialAlertDialogBuilder.setPositiveButton(android.R.string.*yes*) **{** dialogInterface: DialogInterface, i: Int **->** finish()  
 **}** materialAlertDialogBuilder.show()  
 }  
  
 companion object {  
 const val MyPREFERENCES = "QuizPrefs"  
 }  
}

QuestionsItems.kt

package com.lab\_exam.myapplication  
  
  
class QuestionsItems(  
 var questions: String,  
 var answer1: String,  
 var answer2: String,  
 var answer3: String,  
 var answer4: String,  
 var correct: String,  
)

ResultActivity.kt package com.lab\_exam.myapplication  
  
import android.content.Context  
import android.content.Intent  
import android.content.SharedPreferences  
import android.content.res.Configuration  
import android.os.Bundle  
import android.widget.ImageView  
import android.widget.TextView  
import androidx.appcompat.app.AppCompatActivity  
import com.google.android.material.card.MaterialCardView  
  
class ResultActivity : AppCompatActivity() {  
 private lateinit var home: MaterialCardView  
 private lateinit var correctt: TextView  
 private lateinit var wrongt: TextView  
 private lateinit var resultinfo: TextView  
 private lateinit var resultscore: TextView  
 private lateinit var resultImage: ImageView  
 private lateinit var sharedPreferences: SharedPreferences  
  
 override fun onCreate(savedInstanceState: Bundle?) {  
 super.onCreate(savedInstanceState)  
 setContentView(R.layout.*activity\_result*)  
  
 home = findViewById(R.id.*returnHome*)  
 correctt = findViewById(R.id.*correctScore*)  
 wrongt = findViewById(R.id.*wrongScore*)  
 resultinfo = findViewById(R.id.*resultInfo*)  
 resultscore = findViewById(R.id.*resultScore*)  
 resultImage = findViewById(R.id.*resultImage*)  
  
 sharedPreferences = getSharedPreferences("HighScores", Context.*MODE\_PRIVATE*)  
  
 val correct = *intent*.getIntExtra("correct", 0)  
 val wrong = *intent*.getIntExtra("wrong", 0)  
 val score = correct \* 5  
  
 correctt.*text* = correct.toString()  
 wrongt.*text* = wrong.toString()  
 resultscore.*text* = score.toString()  
  
 val highScoreTextView = findViewById<TextView>(R.id.*highScoreTextView*)  
 val highScore = sharedPreferences.getInt("highScore", 0)  
 highScoreTextView.*text* = "High Score: $highScore"  
  
 if (score > highScore) {  
 *with*(sharedPreferences.edit()) **{** putInt("highScore", score)  
 apply()  
 **}** }  
  
 when {  
 correct >= 0 && correct <= 2 -> {  
 resultinfo.*text* = "You have to take the test again"  
 resultImage.setImageResource(R.drawable.*ic\_sad*)  
 }  
 correct in 3..5 -> {  
 resultinfo.*text* = "You have to try a little more"  
 resultImage.setImageResource(R.drawable.*ic\_neutral*)  
 }  
 correct in 6..8 -> {  
 resultinfo.*text* = "You are pretty good"  
 resultImage.setImageResource(R.drawable.*ic\_smile*)  
 }  
 else -> {  
 resultinfo.*text* = "You are very good congratulations"  
 resultImage.setImageResource(R.drawable.*ic\_sad*)  
 }  
 }  
  
 home.setOnClickListener **{** startActivity(Intent(this@ResultActivity, MainActivity::class.*java*))  
 finish()  
 **}** }  
}

SplashActivity.kt

package com.lab\_exam.myapplication  
  
import android.content.Context  
import android.content.Intent  
import android.content.SharedPreferences  
import android.content.res.Configuration  
import android.os.Bundle  
import androidx.appcompat.app.AppCompatActivity  
import androidx.appcompat.app.AppCompatDelegate  
  
class SplashActivity : AppCompatActivity() {  
  
 companion object {  
 var checked: Int = 0  
 const val MyPREFERENCES = "QuizPrefs"  
 }  
  
 override fun onCreate(savedInstanceState: Bundle?) {  
 super.onCreate(savedInstanceState)  
 setContentView(R.layout.*activity\_splash*)  
  
 val sharedPreferences: SharedPreferences = getSharedPreferences(MyPREFERENCES, Context.*MODE\_PRIVATE*)  
 val default1: Int = when (*resources*.*configuration*.uiMode and Configuration.*UI\_MODE\_NIGHT\_MASK*) {  
 AppCompatDelegate.*MODE\_NIGHT\_NO* -> 0  
 AppCompatDelegate.*MODE\_NIGHT\_YES* -> 1  
 else -> 2  
 }  
 checked = sharedPreferences.getInt("checked", default1)  
 when (checked) {  
 0 -> AppCompatDelegate.setDefaultNightMode(AppCompatDelegate.*MODE\_NIGHT\_NO*)  
 1 -> AppCompatDelegate.setDefaultNightMode(AppCompatDelegate.*MODE\_NIGHT\_YES*)  
 2 -> AppCompatDelegate.setDefaultNightMode(AppCompatDelegate.*MODE\_NIGHT\_FOLLOW\_SYSTEM*)  
 3 -> AppCompatDelegate.setDefaultNightMode(AppCompatDelegate.*MODE\_NIGHT\_AUTO\_BATTERY*)  
 }  
  
 val mSplashThread = Thread **{** try {  
 Thread.sleep(2000)  
 } catch (ignored: InterruptedException) {  
 } finally {  
 startActivity(Intent(*applicationContext*, MainActivity::class.*java*))  
 finish()  
 }  
 **}** mSplashThread.start()  
 }  
}

assets

difficultquestions.json

{  
 "difficultquestions": [  
 {  
 "question": "how meny infinity stones are there",  
 "answer1": "A) 7",  
 "answer2": "B) 5",  
 "answer3": "C) 6",  
 "answer4": "D) 3",  
 "correct": "A) 7"  
 },  
 {  
 "question": "Which country has won the most FIFA World Cup titles?",  
 "answer1": "A) Brazil",  
 "answer2": "B) Germany",  
 "answer3": "C) Italy",  
 "answer4": "D) Argentina",  
 "correct": "A) Brazil"  
 },  
 {  
 "question": "What is the only food that cannot go bad?",  
 "answer1": "A) chocolate",  
 "answer2": "B) honey",  
 "answer3": "C) butter",  
 "answer4": "D) sugar syrup",  
 "correct": "B) honey"  
 },  
 {  
 "question": " What’s the name of Hagrid’s pet spider'?",  
 "answer1": "A) nagini",  
 "answer2": "B) Aragog",  
 "answer3": "C) mosang",  
 "answer4": "D) padfoot",  
 "correct": "B) aragog"  
 },  
 {  
 "question": "What element does the chemical symbol au stand for??",  
 "answer1": "A) gold",  
 "answer2": "B) silver",  
 "answer3": "C) magnisiuem",  
 "answer4": "D) austin",  
 "correct": "A) gold"  
 },  
 {  
 "question": "Which football club has won the most UEFA Champions League titles?",  
 "answer1": "A) Real Madrid",  
 "answer2": "B) FC Barcelona",  
 "answer3": "C) Bayern Munich",  
 "answer4": "D) AC Milan",  
 "correct": "A) Real Madrid"  
 },  
 {  
 "question": "What is the name of the coffee shop in the sitcom Friends",  
 "answer1": "A) central park",  
 "answer2": "B) java park",  
 "answer3": "C) centarl park coffee",  
 "answer4": "D) central perk",  
 "correct": "D) central perk"  
 },  
 {  
 "question": "The first vaccine was for which disease?",  
 "answer1": "A) polio",  
 "answer2": "B) moneky pox",  
 "answer3": "C) small pox",  
 "answer4": "D) chikenpox",  
 "correct": "C) small pox"  
 }  
 ]  
}

Easyquestions.json

{  
 "easyquestions": [  
 {  
 "question": "Which country won the FIFA World Cup in 2018?",  
 "answer1": "A) France",  
 "answer2": "B) Brazil",  
 "answer3": "C) Germany",  
 "answer4": "D) Argentina",  
 "correct": "A) France"  
 },  
 {  
 "question": "Which cereal grain is the most commonly used in beer?",  
 "answer1": "A) corn",  
 "answer2": "B) wheat",  
 "answer3": "C) barley",  
 "answer4": "D) hops",  
 "correct": "C) hops"  
 },  
 {  
 "question": " What country is Shakura flower is from??",  
 "answer1": "A) japan",  
 "answer2": "B) colombia",  
 "answer3": "C) nepal",  
 "answer4": "D) chaina",  
 "correct": "A) japan"  
 },  
 {  
 "question": "What was the ancient Goddess of Love?",  
 "answer1": "A) helena",  
 "answer2": "B) venus",  
 "answer3": "C) hera",  
 "answer4": "D) medusa",  
 "correct": "B) venues"  
 },  
 {  
 "question": "What is the hardest natural substance in the world?",  
 "answer1": "A) diamond",  
 "answer2": "B) granite",  
 "answer3": "C) mable",  
 "answer4": "D) ruby",  
 "correct": "A) diamond"  
 },  
 {  
 "question": "Which animal has the largest eyes?",  
 "answer1": "A) blue whale",  
 "answer2": "B) giant squid",  
 "answer3": "C) Ostrich",  
 "answer4": "D) owl",  
 "correct": "B) giant squid"  
 },  
 {  
 "question": " What is the airspeed velocity of an unladen swallow?",  
 "answer1": "A) 48 MPH",  
 "answer2": "B) 34 MPH",  
 "answer3": "C) 24 MPH",  
 "answer4": "D) 58 MPH",  
 "correct": "C) 24 MPH"  
 },  
 {  
 "question": "25. What animal is known to be ‘man’s best friend?",  
 "answer1": "A) Dog",  
 "answer2": "B) Wolf",  
 "answer3": "C) Cat",  
 "answer4": "D) Horse",  
 "correct": "A) Dog"  
 }  
 ]  
}

Res

Drawable

Ic\_correct.xml

<vector android:height="24dp" android:tint="@color/green"  
 android:viewportHeight="24" android:viewportWidth="24"  
 android:width="24dp" xmlns:android="http://schemas.android.com/apk/res/android">  
 <path android:fillColor="@android:color/white" android:pathData="M22,5.18L10.59,16.6l-4.24,-4.24l1.41,-1.41l2.83,2.83l10,-10L22,5.18zM12,20c-4.41,0 -8,-3.59 -8,-8s3.59,-8 8,-8c1.57,0 3.04,0.46 4.28,1.25l1.45,-1.45C16.1,2.67 14.13,2 12,2C6.48,2 2,6.48 2,12s4.48,10 10,10c1.73,0 3.36,-0.44 4.78,-1.22l-1.5,-1.5C14.28,19.74 13.17,20 12,20zM19,15h-3v2h3v3h2v-3h3v-2h-3v-3h-2V15z"/>  
</vector>

Ic\_lanuch\_background.xml

<?xml version="1.0" encoding="utf-8"?>  
<vector xmlns:android="http://schemas.android.com/apk/res/android"  
 android:width="108dp"  
 android:height="108dp"  
 android:viewportWidth="108"  
 android:viewportHeight="108">  
 <path  
 android:fillColor="#3DDC84"  
 android:pathData="M0,0h108v108h-108z" />  
 <path  
 android:fillColor="#00000000"  
 android:pathData="M9,0L9,108"  
 android:strokeWidth="0.8"  
 android:strokeColor="#33FFFFFF" />  
 <path  
 android:fillColor="#00000000"  
 android:pathData="M19,0L19,108"  
 android:strokeWidth="0.8"  
 android:strokeColor="#33FFFFFF" />  
 <path  
 android:fillColor="#00000000"  
 android:pathData="M29,0L29,108"  
 android:strokeWidth="0.8"  
 android:strokeColor="#33FFFFFF" />  
 <path  
 android:fillColor="#00000000"  
 android:pathData="M39,0L39,108"  
 android:strokeWidth="0.8"  
 android:strokeColor="#33FFFFFF" />  
 <path  
 android:fillColor="#00000000"  
 android:pathData="M49,0L49,108"  
 android:strokeWidth="0.8"  
 android:strokeColor="#33FFFFFF" />  
 <path  
 android:fillColor="#00000000"  
 android:pathData="M59,0L59,108"  
 android:strokeWidth="0.8"  
 android:strokeColor="#33FFFFFF" />  
 <path  
 android:fillColor="#00000000"  
 android:pathData="M69,0L69,108"  
 android:strokeWidth="0.8"  
 android:strokeColor="#33FFFFFF" />  
 <path  
 android:fillColor="#00000000"  
 android:pathData="M79,0L79,108"  
 android:strokeWidth="0.8"  
 android:strokeColor="#33FFFFFF" />  
 <path  
 android:fillColor="#00000000"  
 android:pathData="M89,0L89,108"  
 android:strokeWidth="0.8"  
 android:strokeColor="#33FFFFFF" />  
 <path  
 android:fillColor="#00000000"  
 android:pathData="M99,0L99,108"  
 android:strokeWidth="0.8"  
 android:strokeColor="#33FFFFFF" />  
 <path  
 android:fillColor="#00000000"  
 android:pathData="M0,9L108,9"  
 android:strokeWidth="0.8"  
 android:strokeColor="#33FFFFFF" />  
 <path  
 android:fillColor="#00000000"  
 android:pathData="M0,19L108,19"  
 android:strokeWidth="0.8"  
 android:strokeColor="#33FFFFFF" />  
 <path  
 android:fillColor="#00000000"  
 android:pathData="M0,29L108,29"  
 android:strokeWidth="0.8"  
 android:strokeColor="#33FFFFFF" />  
 <path  
 android:fillColor="#00000000"  
 android:pathData="M0,39L108,39"  
 android:strokeWidth="0.8"  
 android:strokeColor="#33FFFFFF" />  
 <path  
 android:fillColor="#00000000"  
 android:pathData="M0,49L108,49"  
 android:strokeWidth="0.8"  
 android:strokeColor="#33FFFFFF" />  
 <path  
 android:fillColor="#00000000"  
 android:pathData="M0,59L108,59"  
 android:strokeWidth="0.8"  
 android:strokeColor="#33FFFFFF" />  
 <path  
 android:fillColor="#00000000"  
 android:pathData="M0,69L108,69"  
 android:strokeWidth="0.8"  
 android:strokeColor="#33FFFFFF" />  
 <path  
 android:fillColor="#00000000"  
 android:pathData="M0,79L108,79"  
 android:strokeWidth="0.8"  
 android:strokeColor="#33FFFFFF" />  
 <path  
 android:fillColor="#00000000"  
 android:pathData="M0,89L108,89"  
 android:strokeWidth="0.8"  
 android:strokeColor="#33FFFFFF" />  
 <path  
 android:fillColor="#00000000"  
 android:pathData="M0,99L108,99"  
 android:strokeWidth="0.8"  
 android:strokeColor="#33FFFFFF" />  
 <path  
 android:fillColor="#00000000"  
 android:pathData="M19,29L89,29"  
 android:strokeWidth="0.8"  
 android:strokeColor="#33FFFFFF" />  
 <path  
 android:fillColor="#00000000"  
 android:pathData="M19,39L89,39"  
 android:strokeWidth="0.8"  
 android:strokeColor="#33FFFFFF" />  
 <path  
 android:fillColor="#00000000"  
 android:pathData="M19,49L89,49"  
 android:strokeWidth="0.8"  
 android:strokeColor="#33FFFFFF" />  
 <path  
 android:fillColor="#00000000"  
 android:pathData="M19,59L89,59"  
 android:strokeWidth="0.8"  
 android:strokeColor="#33FFFFFF" />  
 <path  
 android:fillColor="#00000000"  
 android:pathData="M19,69L89,69"  
 android:strokeWidth="0.8"  
 android:strokeColor="#33FFFFFF" />  
 <path  
 android:fillColor="#00000000"  
 android:pathData="M19,79L89,79"  
 android:strokeWidth="0.8"  
 android:strokeColor="#33FFFFFF" />  
 <path  
 android:fillColor="#00000000"  
 android:pathData="M29,19L29,89"  
 android:strokeWidth="0.8"  
 android:strokeColor="#33FFFFFF" />  
 <path  
 android:fillColor="#00000000"  
 android:pathData="M39,19L39,89"  
 android:strokeWidth="0.8"  
 android:strokeColor="#33FFFFFF" />  
 <path  
 android:fillColor="#00000000"  
 android:pathData="M49,19L49,89"  
 android:strokeWidth="0.8"  
 android:strokeColor="#33FFFFFF" />  
 <path  
 android:fillColor="#00000000"  
 android:pathData="M59,19L59,89"  
 android:strokeWidth="0.8"  
 android:strokeColor="#33FFFFFF" />  
 <path  
 android:fillColor="#00000000"  
 android:pathData="M69,19L69,89"  
 android:strokeWidth="0.8"  
 android:strokeColor="#33FFFFFF" />  
 <path  
 android:fillColor="#00000000"  
 android:pathData="M79,19L79,89"  
 android:strokeWidth="0.8"  
 android:strokeColor="#33FFFFFF" />  
</vector>

Ic\_hitory.png



Ic\_luncher\_foreground.xml <vector xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:aapt="http://schemas.android.com/aapt"  
 android:width="108dp"  
 android:height="108dp"  
 android:viewportWidth="108"  
 android:viewportHeight="108">  
 <path android:pathData="M31,63.928c0,0 6.4,-11 12.1,-13.1c7.2,-2.6 26,-1.4 26,-1.4l38.1,38.1L107,108.928l-32,-1L31,63.928z">  
 <aapt:attr name="android:fillColor">  
 <gradient  
 android:endX="85.84757"  
 android:endY="92.4963"  
 android:startX="42.9492"  
 android:startY="49.59793"  
 android:type="linear">  
 <item  
 android:color="#44000000"  
 android:offset="0.0" />  
 <item  
 android:color="#00000000"  
 android:offset="1.0" />  
 </gradient>  
 </aapt:attr>  
 </path>  
 <path  
 android:fillColor="#FFFFFF"  
 android:fillType="nonZero"  
 android:pathData="M65.3,45.828l3.8,-6.6c0.2,-0.4 0.1,-0.9 -0.3,-1.1c-0.4,-0.2 -0.9,-0.1 -1.1,0.3l-3.9,6.7c-6.3,-2.8 -13.4,-2.8 -19.7,0l-3.9,-6.7c-0.2,-0.4 -0.7,-0.5 -1.1,-0.3C38.8,38.328 38.7,38.828 38.9,39.228l3.8,6.6C36.2,49.428 31.7,56.028 31,63.928h46C76.3,56.028 71.8,49.428 65.3,45.828zM43.4,57.328c-0.8,0 -1.5,-0.5 -1.8,-1.2c-0.3,-0.7 -0.1,-1.5 0.4,-2.1c0.5,-0.5 1.4,-0.7 2.1,-0.4c0.7,0.3 1.2,1 1.2,1.8C45.3,56.528 44.5,57.328 43.4,57.328L43.4,57.328zM64.6,57.328c-0.8,0 -1.5,-0.5 -1.8,-1.2s-0.1,-1.5 0.4,-2.1c0.5,-0.5 1.4,-0.7 2.1,-0.4c0.7,0.3 1.2,1 1.2,1.8C66.5,56.528 65.6,57.328 64.6,57.328L64.6,57.328z"  
 android:strokeWidth="1"  
 android:strokeColor="#00000000" />  
</vector>

Ic\_neutral.xml

<?xml version="1.0" encoding="utf-8"?>  
<vector android:height="24dp" android:tint="@color/secondary\_text\_color"  
 android:viewportHeight="24" android:viewportWidth="24"  
 android:width="24dp" xmlns:android="http://schemas.android.com/apk/res/android">  
 <path android:fillColor="@android:color/white" android:pathData="M9,11.75c-0.69,0 -1.25,0.56 -1.25,1.25s0.56,1.25 1.25,1.25 1.25,-0.56 1.25,-1.25 -0.56,-1.25 -1.25,-1.25zM15,11.75c-0.69,0 -1.25,0.56 -1.25,1.25s0.56,1.25 1.25,1.25 1.25,-0.56 1.25,-1.25 -0.56,-1.25 -1.25,-1.25zM12,2C6.48,2 2,6.48 2,12s4.48,10 10,10 10,-4.48 10,-10S17.52,2 12,2zM12,20c-4.41,0 -8,-3.59 -8,-8 0,-0.29 0.02,-0.58 0.05,-0.86 2.36,-1.05 4.23,-2.98 5.21,-5.37C11.07,8.33 14.05,10 17.42,10c0.78,0 1.53,-0.09 2.25,-0.26 0.21,0.71 0.33,1.47 0.33,2.26 0,4.41 -3.59,8 -8,8z"/>  
</vector>

Ic\_sad.xml

<vector android:height="24dp" android:tint="@color/secondary\_text\_color"  
 android:viewportHeight="24" android:viewportWidth="24"  
 android:width="24dp" xmlns:android="http://schemas.android.com/apk/res/android">  
 <path android:fillColor="@android:color/white" android:pathData="M9,13m-1.25,0a1.25,1.25 0,1 1,2.5 0a1.25,1.25 0,1 1,-2.5 0"/>  
 <path android:fillColor="@android:color/white" android:pathData="M17.5,10c0.75,0 1.47,-0.09 2.17,-0.24C19.88,10.47 20,11.22 20,12c0,1.22 -0.28,2.37 -0.77,3.4l1.49,1.49C21.53,15.44 22,13.78 22,12c0,-5.52 -4.48,-10 -10,-10c-1.78,0 -3.44,0.47 -4.89,1.28l5.33,5.33C13.93,9.49 15.65,10 17.5,10z"/>  
 <path android:fillColor="@android:color/white" android:pathData="M1.89,3.72l2.19,2.19C2.78,7.6 2,9.71 2,12c0,5.52 4.48,10 10,10c2.29,0 4.4,-0.78 6.09,-2.08l2.19,2.19l1.41,-1.41L3.31,2.31L1.89,3.72zM16.66,18.49C15.35,19.44 13.74,20 12,20c-4.41,0 -8,-3.59 -8,-8c0,-0.05 0.01,-0.1 0,-0.14c1.39,-0.52 2.63,-1.35 3.64,-2.39L16.66,18.49z"/>  
</vector>

Ic\_smile.xml

<?xml version="1.0" encoding="utf-8"?>  
<vector android:height="24dp" android:tint="@color/secondary\_text\_color"  
 android:viewportHeight="24" android:viewportWidth="24"  
 android:width="24dp" xmlns:android="http://schemas.android.com/apk/res/android">  
 <path android:fillColor="@android:color/white" android:pathData="M14.5,10.5m-1.25,0a1.25,1.25 0,1 1,2.5 0a1.25,1.25 0,1 1,-2.5 0"/>  
 <path android:fillColor="@android:color/white" android:pathData="M9.5,10.5m-1.25,0a1.25,1.25 0,1 1,2.5 0a1.25,1.25 0,1 1,-2.5 0"/>  
 <path android:fillColor="@android:color/white" android:pathData="M22.94,12.66c0.04,-0.21 0.06,-0.43 0.06,-0.66s-0.02,-0.45 -0.06,-0.66c-0.25,-1.51 -1.36,-2.74 -2.81,-3.17 -0.53,-1.12 -1.28,-2.1 -2.19,-2.91C16.36,3.85 14.28,3 12,3s-4.36,0.85 -5.94,2.26c-0.92,0.81 -1.67,1.8 -2.19,2.91 -1.45,0.43 -2.56,1.65 -2.81,3.17 -0.04,0.21 -0.06,0.43 -0.06,0.66s0.02,0.45 0.06,0.66c0.25,1.51 1.36,2.74 2.81,3.17 0.52,1.11 1.27,2.09 2.17,2.89C7.62,20.14 9.71,21 12,21s4.38,-0.86 5.97,-2.28c0.9,-0.8 1.65,-1.79 2.17,-2.89 1.44,-0.43 2.55,-1.65 2.8,-3.17zM19,14c-0.1,0 -0.19,-0.02 -0.29,-0.03 -0.2,0.67 -0.49,1.29 -0.86,1.86C16.6,17.74 14.45,19 12,19s-4.6,-1.26 -5.85,-3.17c-0.37,-0.57 -0.66,-1.19 -0.86,-1.86 -0.1,0.01 -0.19,0.03 -0.29,0.03 -1.1,0 -2,-0.9 -2,-2s0.9,-2 2,-2c0.1,0 0.19,0.02 0.29,0.03 0.2,-0.67 0.49,-1.29 0.86,-1.86C7.4,6.26 9.55,5 12,5s4.6,1.26 5.85,3.17c0.37,0.57 0.66,1.19 0.86,1.86 0.1,-0.01 0.19,-0.03 0.29,-0.03 1.1,0 2,0.9 2,2s-0.9,2 -2,2zM7.5,14c0.76,1.77 2.49,3 4.5,3s3.74,-1.23 4.5,-3h-9z"/>  
</vector>

Ic\_wrong.xml

<?xml version="1.0" encoding="utf-8"?>  
<vector android:height="24dp" android:tint="@color/red"  
 android:viewportHeight="24" android:viewportWidth="24"  
 android:width="24dp" xmlns:android="http://schemas.android.com/apk/res/android">  
 <path android:fillColor="@android:color/white" android:pathData="M18.3,5.71c-0.39,-0.39 -1.02,-0.39 -1.41,0L12,10.59 7.11,5.7c-0.39,-0.39 -1.02,-0.39 -1.41,0 -0.39,0.39 -0.39,1.02 0,1.41L10.59,12 5.7,16.89c-0.39,0.39 -0.39,1.02 0,1.41 0.39,0.39 1.02,0.39 1.41,0L12,13.41l4.89,4.89c0.39,0.39 1.02,0.39 1.41,0 0.39,-0.39 0.39,-1.02 0,-1.41L13.41,12l4.89,-4.89c0.38,-0.38 0.38,-1.02 0,-1.4z"/>  
</vector>

logoquiz.png



selector\_answer\_text.xml

<?xml version="1.0" encoding="utf-8"?>  
<selector xmlns:android="http://schemas.android.com/apk/res/android">  
 <!-- Text color for correct answer -->  
 <item android:state\_checked="true" android:color="@color/green" />  
 <!-- Text color for incorrect answer -->  
 <item android:state\_checked="false" android:color="@color/red" />  
</selector>

Selector\_green.xml

<?xml version="1.0" encoding="utf-8"?>  
<selector xmlns:android="http://schemas.android.com/apk/res/android">  
 <item android:state\_pressed="true" android:drawable="@color/green\_pressed"/>  
 <item android:state\_focused="true" android:drawable="@color/green\_pressed"/>  
 <item android:drawable="@color/green\_default"/>  
</selector>

selector\_red.xml

<?xml version="1.0" encoding="utf-8"?>  
<selector xmlns:android="http://schemas.android.com/apk/res/android">  
<item android:state\_pressed="true" android:drawable="@color/red\_pressed"/>  
<item android:state\_focused="true" android:drawable="@color/red\_pressed"/>  
<item android:drawable="@color/red\_default"/>  
</selector>

Res

Layout

activity\_about.xml

<?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:background="@color/background"  
 android:orientation="vertical"  
 tools:context=".AboutActivity">  
  
 <com.google.android.material.appbar.AppBarLayout  
 android:id="@+id/appbar"  
 android:elevation="0dp"  
 android:background="@color/background"  
 android:layout\_width="match\_parent"  
 android:layout\_height="?attr/actionBarSize">  
 <com.google.android.material.appbar.MaterialToolbar  
 app:title="About"  
 app:titleCentered="true"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"/>  
  
 </com.google.android.material.appbar.AppBarLayout>  
  
 <com.google.android.material.card.MaterialCardView  
 app:cardBackgroundColor="#B4E4F9"  
 app:cardCornerRadius="25dp"  
 app:strokeWidth="0dp"  
 android:layout\_margin="25dp"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content">  
 <LinearLayout  
 android:gravity="center"  
 android:orientation="vertical"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content">  
 <ImageView  
 android:src="@drawable/logoquiz"  
 android:layout\_width="100dp"  
 android:layout\_height="100dp"  
 android:contentDescription="@null"  
 android:scaleType="centerCrop"/>  
 <TextView  
 android:textSize="24sp"  
 android:textStyle="bold"  
 android:textColor="@color/black"  
 android:layout\_marginTop="15dp"  
 android:text="@string/app\_name"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"/>  
  
 <TextView  
 android:id="@+id/appVersionTextView"  
 android:textSize="16sp"  
 android:textColor="@color/black"  
 android:layout\_marginTop="10dp"  
 android:text="@string/app\_version\_v1\_0"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"/>  
 </LinearLayout>  
 </com.google.android.material.card.MaterialCardView>  
  
 <com.google.android.material.card.MaterialCardView  
 android:id="@+id/developerCard"  
 app:cardBackgroundColor="#B4E4F9"  
 app:cardCornerRadius="25dp"  
 app:strokeWidth="0dp"  
 android:layout\_marginStart="25dp"  
 android:layout\_marginEnd="25dp"  
 android:layout\_marginBottom="25dp"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content">  
 <LinearLayout  
 android:gravity="center"  
 android:orientation="vertical"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content">  
  
 <TextView  
 android:textSize="20sp"  
 android:textStyle="bold"  
 android:textColor="@color/black"  
 android:layout\_marginTop="15dp"  
 android:text="@string/developer"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content" />  
  
 <TextView  
 android:textSize="16sp"  
 android:textColor="@color/black"  
 android:layout\_marginTop="10dp"  
 android:text="@string/amadi"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"/>  
 </LinearLayout>  
 </com.google.android.material.card.MaterialCardView>  
  
 <com.google.android.material.card.MaterialCardView  
 android:id="@+id/darkMode"  
 app:cardBackgroundColor="#B4E4F9"  
 app:cardCornerRadius="25dp"  
 app:strokeWidth="0dp"  
 android:layout\_marginStart="25dp"  
 android:layout\_marginEnd="25dp"  
 android:layout\_marginBottom="25dp"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content">  
 <LinearLayout  
 android:gravity="center"  
 android:orientation="vertical"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content">  
  
 <TextView  
 android:textSize="20sp"  
 android:textStyle="bold"  
 android:textColor="@color/black"  
 android:layout\_marginTop="15dp"  
 android:text="@string/embark\_on\_an\_enlightening\_journey\_through\_time\_with\_our\_history\_quiz\_game\_delve\_into\_the\_depths\_of\_the\_past\_as\_you\_test\_your\_knowledge\_across\_various\_epochs\_civilizations\_and\_pivotal\_moments\_in\_human\_history\_are\_you\_ready\_to\_become\_a\_master\_of\_the\_past\_play\_now\_and\_let\_the\_adventure\_begin"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:padding="16dp"/>  
  
 <!-- Add a switch or button for toggling dark mode -->  
 </LinearLayout>  
 </com.google.android.material.card.MaterialCardView>  
  
</LinearLayout>

activity\_difficult\_quiz.xml

<?xml version="1.0" encoding="utf-8"?>  
<androidx.constraintlayout.widget.ConstraintLayout 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"  
 tools:context=".DifficultQuiz">  
  
</androidx.constraintlayout.widget.ConstraintLayout>

activity\_main.xml

<?xml version="1.0" encoding="utf-8"?>  
<androidx.coordinatorlayout.widget.CoordinatorLayout 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:background="@color/background"  
 tools:context=".MainActivity">  
  
 <com.google.android.material.appbar.AppBarLayout  
 android:id="@+id/appbarLayout"  
 app:statusBarForeground="@color/background"  
 android:background="@color/background"  
 android:fitsSystemWindows="true"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content">  
  
 <com.google.android.material.appbar.MaterialToolbar  
 android:id="@+id/toolbar"  
 android:layout\_width="match\_parent"  
 android:layout\_height="?attr/actionBarSize"  
 android:background="#D3C6C6"  
 android:elevation="0dp"  
 app:title="Quiz"  
 app:titleTextColor="@color/red\_default" />  
  
 </com.google.android.material.appbar.AppBarLayout>  
  
 <androidx.core.widget.NestedScrollView  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:background="#D3C6C6"  
 app:layout\_behavior="@string/appbar\_scrolling\_view\_behavior">  
  
 <LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:background="#D3C6C6"  
 android:orientation="vertical"  
 android:padding="16dp">  
  
 <!-- Welcome Message TextView -->  
 <TextView  
 android:id="@+id/welcomeTextView"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_gravity="center\_horizontal"  
 android:layout\_marginBottom="8dp"  
 android:text="Welcome, amadhi"  
 android:textColor="@color/black"  
 android:textSize="24sp"  
 android:textStyle="bold" />  
  
 <!-- Challenge Message TextView -->  
 <TextView  
 android:id="@+id/challengeTextView"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_gravity="center\_horizontal"  
 android:layout\_marginBottom="16dp"  
 android:text="Let's Challenge your knowledge"  
 android:textColor="@color/black"  
 android:textSize="18sp" />  
  
 <!-- Image View -->  
 <ImageView  
 android:id="@+id/historyImageView"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginBottom="16dp"  
 android:adjustViewBounds="true"  
 android:scaleType="fitXY"  
 android:src="@drawable/ic\_history" />  
  
 <!-- Easy Quiz Card -->  
 <com.google.android.material.card.MaterialCardView  
 android:id="@+id/easyCard"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginBottom="16dp"  
 app:cardBackgroundColor="@color/brown"  
 app:cardCornerRadius="25dp"  
 app:cardElevation="8dp"  
 app:strokeWidth="0dp">  
  
 <LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_gravity="center"  
 android:orientation="vertical"  
 android:padding="20dp">  
  
 <TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Easy Quiz"  
 android:textColor="@color/white"  
 android:textSize="18sp"  
 android:textStyle="bold" />  
 </LinearLayout>  
 </com.google.android.material.card.MaterialCardView>  
  
 <!-- Difficult Quiz Card -->  
 <com.google.android.material.card.MaterialCardView  
 android:id="@+id/difficultCard"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginBottom="16dp"  
 app:cardBackgroundColor="@color/yellow"  
 app:cardCornerRadius="25dp"  
 app:cardElevation="8dp"  
 app:strokeWidth="0dp">  
  
 <LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_gravity="center"  
 android:orientation="vertical"  
 android:padding="20dp">  
  
 <TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Difficult Quiz"  
 android:textColor="@color/white"  
 android:textSize="18sp"  
 android:textStyle="bold" />  
 </LinearLayout>  
 </com.google.android.material.card.MaterialCardView>  
  
 <!-- About Card -->  
 <com.google.android.material.card.MaterialCardView  
 android:id="@+id/aboutCard"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 app:cardBackgroundColor="@color/greenbutton"  
 app:cardCornerRadius="25dp"  
 app:cardElevation="8dp"  
 app:strokeWidth="0dp">  
  
 <LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_gravity="center"  
 android:orientation="vertical"  
 android:padding="20dp">  
  
 <TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="About"  
 android:textColor="@color/white"  
 android:textSize="18sp"  
 android:textStyle="bold" />  
 </LinearLayout>  
 </com.google.android.material.card.MaterialCardView>  
  
 </LinearLayout>  
 </androidx.core.widget.NestedScrollView>  
  
</androidx.coordinatorlayout.widget.CoordinatorLayout>

activity\_questions\_items.xml

<?xml version="1.0" encoding="utf-8"?>  
<androidx.constraintlayout.widget.ConstraintLayout 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"  
 tools:context=".QuestionsItems">  
  
</androidx.constraintlayout.widget.ConstraintLayout>

activity\_quiz.xml

<?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:background="@color/background"  
 android:orientation="vertical"  
 tools:context=".BasicQuiz">  
  
 <!-- High Score TextView -->  
 <TextView  
 android:id="@+id/highScoreTextView"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="@string/high\_score\_0"  
 android:textColor="@color/secondary\_text\_color"  
 android:textSize="18sp"  
 android:layout\_marginTop="16dp"  
 android:layout\_gravity="center"/>  
  
 <com.google.android.material.appbar.AppBarLayout  
 android:id="@+id/appbar"  
 android:elevation="0dp"  
 android:gravity="center"  
 android:layout\_gravity="center"  
 android:layout\_width="match\_parent"  
 android:layout\_height="?attr/actionBarSize">  
 <com.google.android.material.appbar.MaterialToolbar  
 app:titleCentered="true"  
 app:title="QUIZ"  
 app:titleTextColor="@color/red\_default"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"/>  
 </com.google.android.material.appbar.AppBarLayout>  
 <com.google.android.material.card.MaterialCardView  
 style="@style/TestCard"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content">  
 <LinearLayout  
 android:layout\_gravity="center"  
 android:orientation="horizontal"  
 android:layout\_width="match\_parent"  
 android:layout\_height="150dp">  
  
 <TextView  
 android:id="@+id/quizText"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:gravity="center"  
 android:padding="25dp"  
 android:textColor="@color/black"  
 android:textSize="20sp" />  
 </LinearLayout>  
  
 </com.google.android.material.card.MaterialCardView>  
  
 <com.google.android.material.card.MaterialCardView  
 style="@style/TestCard"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content">  
 <LinearLayout  
 android:layout\_gravity="center"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content">  
  
 <TextView  
 android:id="@+id/aanswer"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:gravity="center\_vertical"  
 android:padding="15dp"  
 android:textColor="@color/black"  
 android:textSize="20sp" />  
 </LinearLayout>  
  
 </com.google.android.material.card.MaterialCardView>  
  
 <com.google.android.material.card.MaterialCardView  
 style="@style/TestCard"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content">  
 <LinearLayout  
 android:layout\_gravity="center"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content">  
  
 <TextView  
 android:id="@+id/banswer"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:gravity="center\_vertical"  
 android:padding="15dp"  
 android:textColor="@color/black"  
 android:textSize="20sp" />  
 </LinearLayout>  
  
 </com.google.android.material.card.MaterialCardView>  
  
 <com.google.android.material.card.MaterialCardView  
 style="@style/TestCard"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content">  
 <LinearLayout  
 android:layout\_gravity="center"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content">  
  
 <TextView  
 android:id="@+id/canswer"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:gravity="center\_vertical"  
 android:padding="15dp"  
 android:textColor="@color/black"  
 android:textSize="20sp" />  
 </LinearLayout>  
  
 </com.google.android.material.card.MaterialCardView>  
  
 <com.google.android.material.card.MaterialCardView  
 style="@style/TestCard"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content">  
 <LinearLayout  
 android:layout\_gravity="center"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content">  
  
 <TextView  
 android:id="@+id/danswer"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:gravity="center\_vertical"  
 android:padding="15dp"  
 android:textColor="@color/black"  
 android:textSize="20sp" />  
 </LinearLayout>  
  
 </com.google.android.material.card.MaterialCardView>  
  
  
 <!-- Fun Fact TextView -->  
 <TextView  
 android:id="@+id/funFactTextView"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text=""  
 android:textColor="@color/black"  
 android:textSize="16sp"  
 android:layout\_marginTop="16dp"  
 android:layout\_gravity="center"  
 android:padding="16dp"  
 android:elevation="4dp"  
 android:gravity="center"  
 android:lineSpacingMultiplier="1.2"/>  
  
  
</LinearLayout>

activity\_results.xmls

<?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:background="@color/background"  
 android:orientation="vertical"  
 tools:context=".ResultActivity">  
  
 <com.google.android.material.appbar.AppBarLayout  
 android:id="@+id/appbar"  
 android:elevation="0dp"  
 android:background="@color/background"  
 android:layout\_width="match\_parent"  
 android:layout\_height="?attr/actionBarSize">  
 <com.google.android.material.appbar.MaterialToolbar  
 app:title="Quiz Result"  
 app:titleCentered="true"  
 app:titleTextColor="@color/text\_color"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"/>  
 </com.google.android.material.appbar.AppBarLayout>  
  
 <com.google.android.material.card.MaterialCardView  
 app:cardBackgroundColor="@color/card\_background"  
 app:strokeWidth="0dp"  
 app:cardCornerRadius="25dp"  
 android:layout\_marginEnd="25dp"  
 android:layout\_marginStart="25dp"  
 android:layout\_marginTop="25dp"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content">  
 <LinearLayout  
 android:gravity="center"  
 android:orientation="vertical"  
 android:layout\_width="match\_parent"  
 android:layout\_height="150dp">  
  
 <ImageView  
 android:id="@+id/resultImage"  
 android:src="@drawable/ic\_smile"  
 android:layout\_width="40dp"  
 android:layout\_height="40dp"/>  
 <TextView  
 android:id="@+id/highScoreTextView"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:textColor="@color/black"  
 android:textSize="13sp"  
 android:text="High Score: 0"  
 android:layout\_marginTop="10dp"  
 android:gravity="center"  
 android:layout\_gravity="center\_horizontal"/>  
  
 <TextView  
 android:id="@+id/resultInfo"  
 android:layout\_marginTop="15dp"  
 android:textColor="@color/text\_color"  
 android:textStyle="bold"  
 android:textSize="17sp"  
 android:text="Result Info"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"/>  
 <TextView  
 android:id="@+id/resultScore"  
 android:textColor="@color/black"  
 android:textSize="13sp"  
 android:text="Score"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"/>  
 </LinearLayout>  
 </com.google.android.material.card.MaterialCardView>  
  
 <LinearLayout  
 android:orientation="horizontal"  
 android:weightSum="2"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content">  
  
 <com.google.android.material.card.MaterialCardView  
 app:cardBackgroundColor="@color/card\_background"  
 app:strokeWidth="0dp"  
 app:cardCornerRadius="25dp"  
 android:layout\_marginEnd="10dp"  
 android:layout\_marginStart="25dp"  
 android:layout\_marginTop="25dp"  
 android:layout\_weight="1"  
 android:layout\_width="0dp"  
 android:layout\_height="match\_parent">  
 <LinearLayout  
 android:gravity="center"  
 android:orientation="vertical"  
 android:layout\_width="match\_parent"  
 android:layout\_height="150dp">  
  
 <ImageView  
  
 android:src="@drawable/ic\_correct"  
 android:layout\_width="40dp"  
 android:layout\_height="40dp"/>  
 <TextView  
  
 android:layout\_marginTop="15dp"  
 android:textColor="@color/text\_color"  
 android:textStyle="bold"  
 android:textSize="17sp"  
 android:text="Correct"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"/>  
 <TextView  
 android:id="@+id/correctScore"  
 android:textColor="@color/black"  
 android:textSize="13sp"  
 android:text="0"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"/>  
 </LinearLayout>  
 </com.google.android.material.card.MaterialCardView>  
  
  
 <com.google.android.material.card.MaterialCardView  
 app:cardBackgroundColor="@color/card\_background"  
 app:strokeWidth="0dp"  
 app:cardCornerRadius="25dp"  
 android:layout\_marginEnd="25dp"  
 android:layout\_marginStart="10dp"  
 android:layout\_marginTop="25dp"  
 android:layout\_weight="1"  
 android:layout\_width="0dp"  
 android:layout\_height="match\_parent">  
 <LinearLayout  
 android:gravity="center"  
 android:orientation="vertical"  
 android:layout\_width="match\_parent"  
 android:layout\_height="150dp">  
  
 <ImageView  
 android:src="@drawable/ic\_wrong"  
 android:layout\_width="40dp"  
 android:layout\_height="40dp"/>  
 <TextView  
 android:layout\_marginTop="15dp"  
 android:textColor="@color/text\_color"  
 android:textStyle="bold"  
 android:textSize="17sp"  
 android:text="Wrong"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"/>  
 <TextView  
 android:id="@+id/wrongScore"  
 android:textColor="@color/black"  
 android:textSize="13sp"  
 android:text="0"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"/>  
 </LinearLayout>  
 </com.google.android.material.card.MaterialCardView>  
  
 </LinearLayout>  
 <com.google.android.material.card.MaterialCardView  
 android:id="@+id/returnHome"  
 app:cardBackgroundColor="@color/card\_background"  
 app:strokeWidth="0dp"  
 app:cardCornerRadius="25dp"  
 android:layout\_marginEnd="25dp"  
 android:layout\_marginStart="25dp"  
 android:layout\_marginTop="25dp"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content">  
  
 <LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="75dp"  
 android:background="#BA0707"  
 android:gravity="center"  
 android:orientation="vertical">  
  
 <TextView  
 android:id="@+id/resultTextview"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="15dp"  
 android:text="Return to Homepage"  
 android:textColor="@color/text\_color"  
 android:textSize="24sp"  
 android:textStyle="bold" />  
  
 </LinearLayout>  
 </com.google.android.material.card.MaterialCardView>  
  
</LinearLayout>

activity\_splash.xml

<?xml version="1.0" encoding="utf-8"?>  
<androidx.constraintlayout.widget.ConstraintLayout 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:background="@color/background"  
 tools:context=".SplashActivity">  
  
 <LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:orientation="vertical"  
 android:gravity="center">  
 <ImageView  
 android:src="@drawable/logoquiz"  
 android:layout\_width="100dp"  
 android:layout\_height="100dp"/>  
  
 <TextView  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="20dp"  
 android:gravity="center"  
 android:text="History Quiz"  
 android:textColor="@color/black"  
 android:textSize="20sp"  
 android:textStyle="bold" />  
  
 </LinearLayout>  
  
</androidx.constraintlayout.widget.ConstraintLayout>

Res

Values

colors.xml

<?xml version="1.0" encoding="utf-8"?>  
<resources>  
 <color name="purple\_200">#FFBB86FC</color>  
 <color name="purple\_500">#FF6200EE</color>  
 <color name="purple\_700">#FF3700B3</color>  
 <color name="teal\_200">#FF03DAC5</color>  
 <color name="teal\_700">#FF018786</color>  
 <color name="black">#FF000000</color>  
 <color name="white">#FFFFFFFF</color>  
  
 <color name="green\_pressed">#00FF00</color>  
 <color name="green\_default">#00CC00</color>  
 <color name="red\_pressed">#FF0000</color>  
 <color name="red\_default">#CC0000</color>  
  
 <color name="green">#37cb95</color>  
 <color name="red">#de3c63</color>  
 <color name="brown">#904624</color>  
 <color name="yellow">#B59F31</color>  
 <color name="greenbutton">#027B03</color>  
  
 <color name="background">#e6f2ff</color>  
 <color name="card\_background">#e6f2ff</color>  
 <color name="text\_color">#e6f2ff</color>  
 <color name="secondary\_text\_color">#e6f2ff</color>  
  
 </resources>

strings.xml

<resources>  
 <string name="app\_name">My Application</string>  
 <string name="app\_version\_v1\_0">App Version v1.0</string>  
 <string name="amadi">Amadhi</string>  
 <string name="developer">Developer</string>  
 <string name="embark\_on\_an\_enlightening\_journey\_through\_time\_with\_our\_history\_quiz\_game\_delve\_into\_the\_depths\_of\_the\_past\_as\_you\_test\_your\_knowledge\_across\_various\_epochs\_civilizations\_and\_pivotal\_moments\_in\_human\_history\_are\_you\_ready\_to\_become\_a\_master\_of\_the\_past\_play\_now\_and\_let\_the\_adventure\_begin">Embark on an enlightening journey through time with our History Quiz Game! Delve into the depths of the past as you test your knowledge across various epochs, civilizations, and pivotal moments in human history.Are you ready to become a master of the past? Play now and let the adventure begin!</string>  
 <string name="high\_score\_0">High Score: 0</string>  
 <string name="exit\_quiz\_confirmation">Are you sure you want to exit the quiz?</string>  
  
</resources>

themes.xml

<resources xmlns:tools="http://schemas.android.com/tools">  
 <!-- Base application theme. -->  
 <style name="Base.Theme.MyApplication" parent="Theme.Material3.DayNight.NoActionBar">  
 <item name="colorPrimary">@color/white</item>  
 <item name="colorPrimaryVariant">@color/white</item>  
 <item name="colorOnPrimary">@color/white</item>  
  
 <item name="colorSecondary">@color/teal\_700</item>  
 <item name="colorSecondaryVariant">@color/teal\_700</item>  
 <item name="colorOnSecondary">@color/black</item>  
 <item name="colorSecondaryContainer">@color/white</item>  
  
 <item name="android:statusBarColor" tools:targetApi="l">@color/background</item>  
 <item name="android:windowLightStatusBar">true</item>  
 <item name="android:navigationBarColor">@color/background</item>  
 <item name="textAppearanceTitleLarge">@style/TextAppearance.Material3.ActionBar.Title</item>  
 <item name="materialAlertDialogTheme">@style/AlertDialog</item>  
 </style>  
  
 <style name="AlertDialog" parent="ThemeOverlay.Material3.MaterialAlertDialog.Centered">  
 <item name="colorPrimary">@color/card\_background</item>  
 <item name="colorOnSecondary">@color/black</item>  
 <item name="android:background">@color/card\_background</item>  
 <item name="android:gravity">center</item>  
 <item name="buttonBarPositiveButtonStyle">@style/PositiveButtonStyle</item>  
 <item name="buttonBarNegativeButtonStyle">@style/NegativeButtonStyle</item>  
 </style>  
  
 <style name="PositiveButtonStyle" parent="Widget.MaterialComponents.Button.TextButton">  
 <item name="android:textColor">@color/text\_color</item>  
 <item name="android:textStyle">normal</item>  
 <item name="textAllCaps">false</item>  
 </style>  
  
 <style name="NegativeButtonStyle" parent="Widget.MaterialComponents.Button.TextButton.Dialog">  
 <item name="android:textColor">@color/text\_color</item>  
 <item name="textAllCaps">false</item>  
 </style>  
  
 <style name="TestCard">  
 <item name="cardCornerRadius">10dp</item>  
 <item name="cardElevation">5dp</item>  
 <item name="android:layout\_marginLeft">25dp</item>  
 <item name="android:layout\_marginRight">25dp</item>  
 <item name="android:layout\_marginTop">5dp</item>  
 <item name="android:layout\_marginBottom">5dp</item>  
 <item name="strokeWidth">0dp</item>  
 </style>  
  
 <style name="Theme.MyApplication" parent="Base.Theme.MyApplication" />

</resources>

themes.xml(night)

<resources xmlns:tools="http://schemas.android.com/tools">  
 <!-- Base application theme. -->  
 <style name="Base.Theme.MyApplication" parent="Theme.Material3.DayNight.NoActionBar">  
 <!-- Customize your dark theme here. -->  
 <!-- <item name="colorPrimary">@color/my\_dark\_primary</item> -->  
 </style>  
</resources>

Res

#i haven’t add mipmap and xml folder since it’s the default