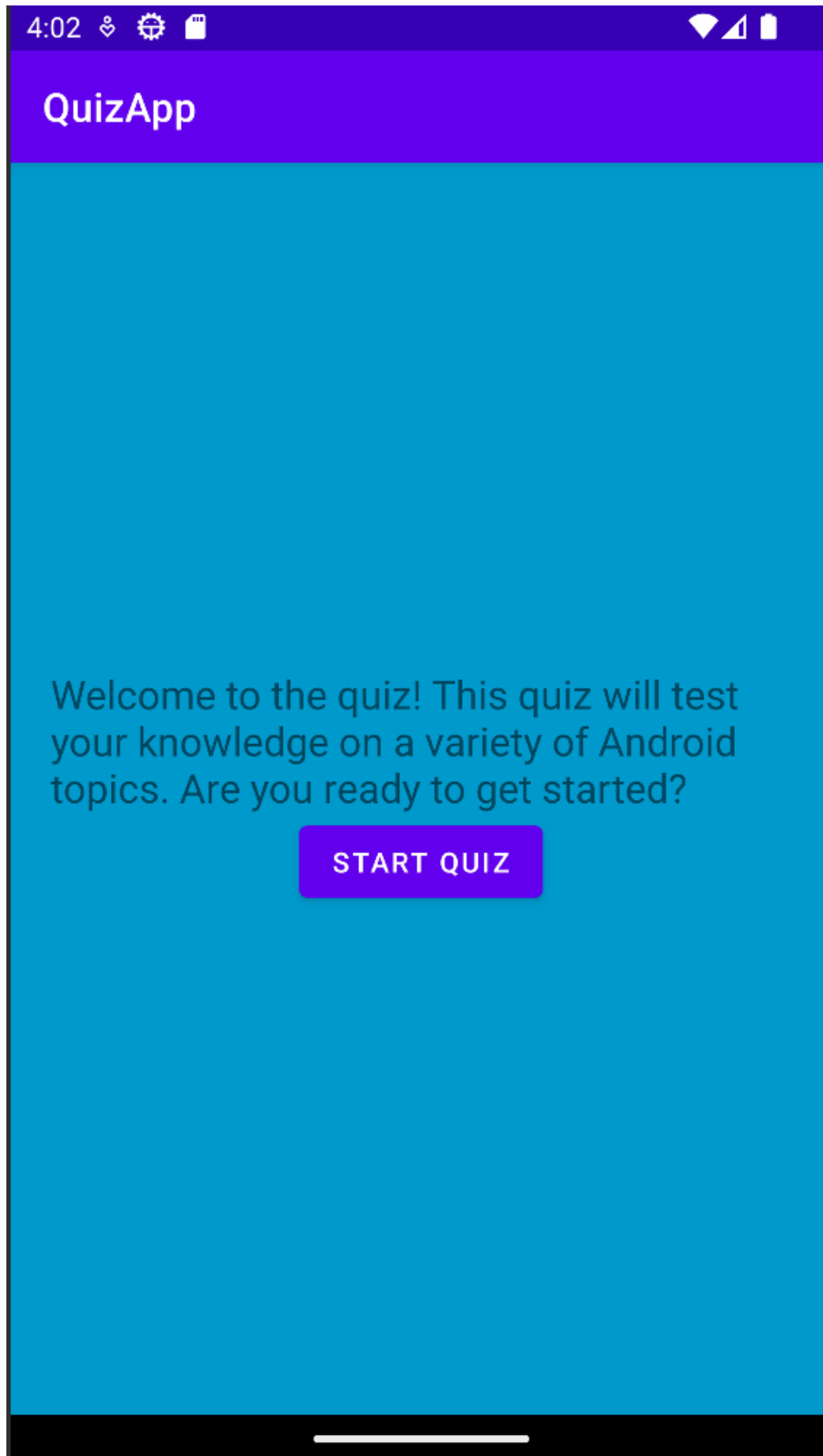


Splash Screen:



Questions (multiple sample from the 15 Questions):

The screenshot shows a mobile application interface for a quiz. At the top, a purple header bar contains the text "QuizApp" in white. Below the header, a light blue area displays the time "14:57" and "Question 1 of 15". The question text is "Which of the following is NOT a valid Android component?". There are four radio button options: "Activity", "Service", "Broadcast Receiver", and "Widget". Below the options are two purple buttons: "NEXT" and "GO HOME". The bottom of the screen shows a black bar with a white horizontal line, indicating a home indicator.

4:04

QuizApp

14:57

Question 1 of 15

Which of the following is NOT a valid Android component?

☐ Activity

☐ Service

☐ Broadcast Receiver

☐ Widget

NEXT

GO HOME

4:04



QuizApp

14:30

Question 3 of 15

What is a DAO in Android Room?

- ☐ A class that represents a database table
- ☐ A class that defines database queries and updates
- ☐ A class that manages database transactions
- ☐ A class that generates SQLite statements automatically

NEXT

GO HOME

No Answer

QuizApp

13:42

Question 4 of 15

What is Android Room used for?

- ☐ Storing and managing data in a SQLite database
- ☐ Creating user interfaces
- ☐ Handling network requests
- ☐ Managing device sensors and hardware

NEXT

GO HOME



Please select an answer

4:06



QuizApp

12:43

Question 6 of 15

What is the name of the file that contains the AndroidManifest.xml?

- ☒ manifest.xml
- ☐ android.xml
- ☐ app.xml
- ☐ build.gradle

NEXT

GO HOME

4:07



QuizApp

11:50

Question 11 of 15

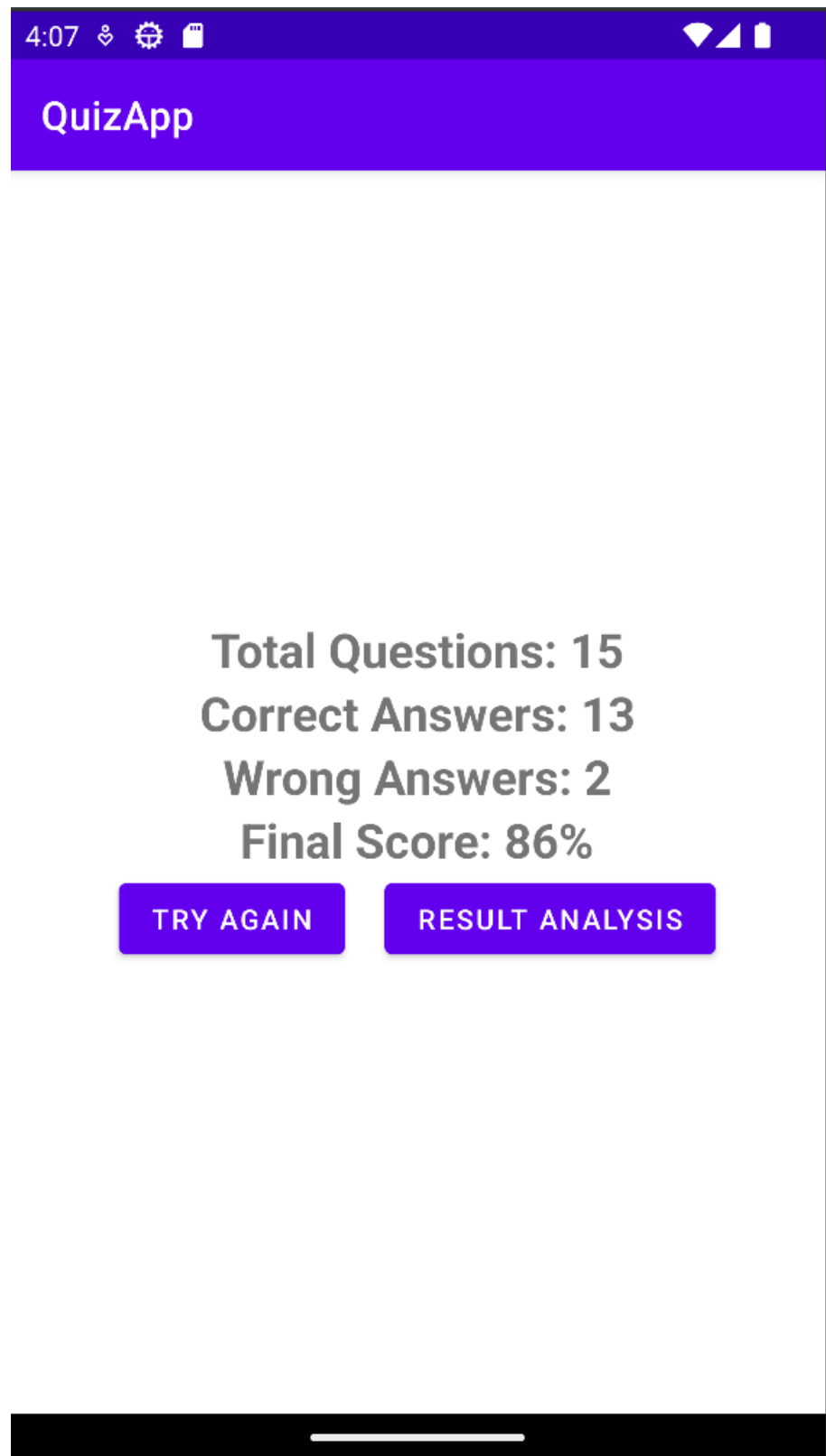
Which of the following is NOT a valid Android build variant?

- ☐ debug
- ☐ release
- ☐ beta
- ☐ alpha
- ☒ custom

NEXT

GO HOME

Result:



Analysis:

4:08



QuizApp

1 : Which of the following is NOT a valid Android component?

- 1 - Activity
- 2 - Service
- 3 - Broadcast Receiver
- 4 - Widget

2 : Which of the following is NOT a part of the Android Room library?

- 1 - Entity class
- 2 - DAO (Data Access Object)
- 3 - Database class
- 4 - LiveData

3 : What is a DAO in Android Room?

- 1 - A class that represents a database table
- 2 - A class that defines database queries and updates
- 3 - A class that manages database transactions
- 4 - A class that generates SQLite statements automatically

4 : What is Android Room used for?

- 1 - Storing and managing data in a SQLite database
- 2 - Creating user interfaces
- 3 - Handling network requests
- 4 - Managing device sensors and hardware

5 : Which of the following is NOT a part of Android Room?

- 1 - Entity class
- 2 - DAO (Data Access Object)

4:08



QuizApp

4 - build.gradle

7 : Which of the following is a benefit of using Android Room?

- 1 - It simplifies database access and management
- 2 - It provides a more powerful and flexible database engine
- 3 - It allows for offline data storage and synchronization
- 4 - It integrates seamlessly with other Android libraries and frameworks

Correct answer: 1 - It simplifies database access and management

8 : Which of the following is NOT a feature of Android Room?

- 1 - Automatic database migration
- 2 - Built-in support for reactive programming
- 3 - Compile-time checking of SQL queries
- 4 - Automatic memory management

9 : Which of the following is NOT a way to retrieve data from an Android Room database?

- 1 - Using a SELECT statement in a DAO method
- 2 - Using the `findById()` method of the `Room` class
- 3 - Querying the database using a `@Query` annotated method in a DAO
- 4 - Observing a LiveData object returned by a DAO method

Correct answer: 2 - Using the `findById()` method of the `Room` class

10 : Which of the following is NOT a way to update data in an Android Room database?

QuizApp

3 - Using a `@Delete` annotated method in a DAO

4 - Executing a SQL UPDATE statement in a DAO method

11 : Which of the following is NOT a valid Android build variant?

1 - debug

2 - release

3 - beta

4 - alpha

5 - custom

12 : Which of the following is NOT a valid Android view type?

1 - TextView

2 - Button

3 - ImageView

4 - LinearLayout

5 - Table

13 : Which of the following is NOT a valid Android resource type?

1 - drawable

2 - layout

3 - string

4 - color

5 - font

14 : Which of the following is NOT a way to delete data in an Android Room database?

1 - Using a `@Delete` annotated method in a DAO

2 - Executing a SQL DELETE statement in a DAO method

4:09



QuizApp

- 1 - TextView
- 2 - Button
- 3 - ImageView
- 4 - LinearLayout
- 5 - Table

13 : Which of the following is NOT a valid Android resource type?

- 1 - drawable
- 2 - layout
- 3 - string
- 4 - color
- 5 - font

14 : Which of the following is NOT a way to delete data in an Android Room database?

- 1 - Using a `@Delete` annotated method in a DAO
- 2 - Executing a SQL DELETE statement in a DAO method
- 3 - Using the `delete()` method of the `Room` class
- 4 - Using a `@Query` annotated method with a DELETE statement in a DAO

15 : What is the base class for all Android activities?

- 1 - Activity
- 2 - Application
- 3 - Service
- 4 - Intent

GO HOME