

## Research

### 1. What is a relational database?

A relationship database is a type of database that stores and provides access to data points that are related to one another.

### 2. What is SQL?

Well First, SQL stands for Structured Query Language and it is standard language used to communicate with relational databases.

### 3. What is the difference between apply and commit with shared preferences?

Commit saves the data to in-memory storage first and then synchronously writes it to a string. Apply saves the data to in-memory storage first and then asynchronously writes it to disk.

### 4. What is the difference in glide and Picasso?

First, the major differences between two image processing library is **Glide** has a higher method count and takes more memory while **picasso** takes less memory.

Another difference is that **Glide** is slower on first loads while Picasso handles first loads faster. **Glide** is faster on cache loads, while Picasso is slower with this

### 5. What is Android X and what are some new features and improvements being introduced with Android X?

Android X is an improvement to the original support library. AndroidX packages are separately maintained and updated. Android X fully replaces the support library by providing feature parity and new libraries.