

Room – Cheatsheet

Database:

```
@Database(entities = arrayOf(User::class), version = 1)
abstract class AppDatabase: RoomDatabase() {
    abstract fun userDao() : UserDao
}
```

Entity:

```
@Entity
data class User (
    @PrimaryKey
    private var uid: Int = 0,

    @ColumnInfo(name = "first_name")
    private val firstName: String? = null,

    @ColumnInfo(name = "last_name")
    private val lastName: String? = null
)
```

DAO

```
@Dao
interface UserDao {
    @Query("SELECT * FROM user")
    fun getAll(): List<User>

    @Query("SELECT * FROM user WHERE uid IN (:userIds)")
    fun loadAllByIds(userIds: IntArray): List<User>

    @Query("SELECT * FROM user WHERE first_name LIKE :first AND " + "last_name LIKE :last LIMIT 1")
    fun findByName(first: String, last: String): User

    @Insert
    fun insertAll(users: List<User>)

    @Delete
    fun delete(user: User)
}
```