

Perform Operations to Update, Delete, and Filter from Room Database



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Demo



Updating data

Deleting data

Filtering data



Update Data in Room Database



Update Data in Room

Add the icons and set the listeners for update and delete

Add and set up the EditActivity

Fetch the book and display in the Edit Activity

Update query in DAO

Add wrapper method in ViewModel

AsyncTask for update

Call the wrapper method from onActivityResult(), passing the updated book object



Delete Data from Room Database



Delete Data from Room

Create interface for Delete, which the MainActivity implements

Delete query in DAO

Wrapper method in ViewModel

AsyncTask for delete

Use the wrapper method for delete in MainActivity



Filter Data in Room Database



Demo



Filtering data

- Perform filtering on both author name and book name



Filter Data in
Room

**Perform filtering on both author name and
book name**



Filter Data in Room

Create the Searchable configuration

Create the SearchResultActivity and update the Manifest file

Configure the search widget

Conditional SELECT query in DAO

Add wrapper method in ViewModel

Populate the RecyclerView

