

## Task 1

Import the contents of `listings.json` into your Mongo database; the collection should be called `listings_and_reviews`. The Mongo database is called `bedandbreakfast`.

## Task 2

Use either `mongosh` or Studio3T to filter all the Australian accommodations from `listings_and_reviews` collection into a new collection called `listings` in the `bedandbreakfast` Mongo database. The filter should be case insensitive viz. it should filter all documents regardless of what case Australia is written in.

Use a single native MongoDB query you use to create the `listings` collection.

Drop `listings_and_reviews` collection

## Task 3

Write a single native MongoDB query to extract `reviews` from the Australian `listings` collections (from Task 2.2) and save it into its own collection called `reviews`.

The `reviews` document should only contain the following attributes:

- `_id`
- `date`
- `listing_id`
- `reviewer_name`
- `comments`

During the extraction (of `reviews`) perform the following cleansing operations on each `review` document:

- Delete all `\n` character from the `comments` attribute

- Delete all `\r` characters from the `comments` attribute
- Delete all comma `(,)` from the `reviewer_name` attribute

Hint: `$replaceAll`

#### Task 4

Write a single native Mongo statement to delete the `reviews` attribute from the `listings` collection.

#### Task 5

Export `reviews` collection a CSV file. You should export only the following attributes from the `reviews` collection in the order listed below:

- 1.`date`
- 2.`listing_id`
- 3.`reviewer_name`
- 4.`comments`