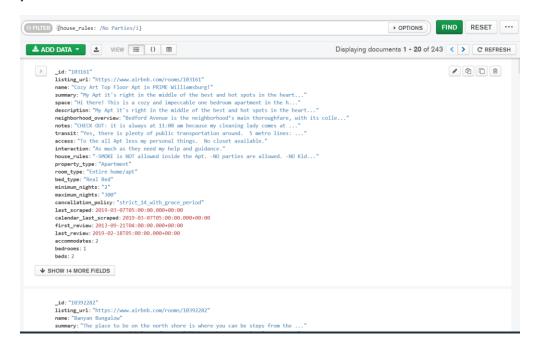
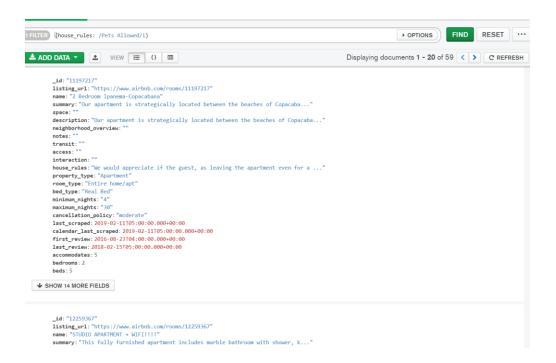
```
### Ejercicio 01
{
   house_rules: /No Parties/i
}
```





## ### Ejercicio 02

{

```
filter: {
    'review_scores_rating': {
```

```
$gte: 80
 number_of_reviews: {
 $gte: 50
},
 amenities: {
 $in: [
  RegExp('ethernet', i)
 ]
 },
 'address.country_code': 'BR'
},
project: {
 name: 1,
 number_of_reviews: 1,
 review_scores: 1,
 amenities: 1,
 address: 1
}
}
###RETO 03
[{
  $match: {
    amenities: {
      $in: ["Wifi", "Ethernet"]
    }
 }
}, {
```

```
$group: {
        _id: null,
        total: {
            $sum: 1
        }
    }
}]
                                                                                                                                                                          FIND
                                                                                                                                                                                      RESET
 FILTER w_scores.review_scores_rating": {$gte: 80}, amenities: {$in: [/Ethernet/]}, "address.country_code": "BR" }
                                                                                                                                                     ▶ OPTIONS
   Displaying documents 1 - 6 of 6 C REFRESH
             _id: "1063491"
                                                                                                                                                                             listing_url: "https://www.airbnb.com/rooms/1063491"
             name: "Charming Apartment,perfect Location"
             space: "It is a bedroom and living room, charming, private, finely decorated, ..."
            description: "It is a bedroom and living room, charming, private, finely decorated, ..."
neighborhood_overview: "There are a lot of bars, restaurants, supermarkets, bakery, banks... I..."
notes: "1) Enjoy the apartment 2) Enjoy Rio 3) Come back soon"
transit: "Buses, taxis, metro and bicicle, that you can rent near to the buildin..."
             access: "The full apartment"
             \label{eq:interaction: II} ilke to do some programs with my guests. It depends on my time and i..." \\ \textit{house\_rules: } "1.0 apartamento situa-se em edifício residencial. Não é permitido faze..." \\
             property_type: "Apartment"
             room_type: "Entire home/apt"
bed_type: "Real Bed"
             minimum_nights: "2"
             maximum_nights: "89"
             cancellation_policy: "super_strict_30"
             last_scraped: 2019-02-11T05:00:00.000+00:00
             calendar_last_scraped: 2019-02-11T05:00:00.000+00:00
             first_review: 2014-01-14T05:00:00.000+00:00
             last_review: 2019-01-02T05:00:00.000+00:00
             \verb"accommodates": 4
             bedrooms: 1
             beds: 2
      ♦ SHOW 14 MORE FIELDS
              id: "11740322"
             listing_url: "https://www.airbnb.com/rooms/11740322"
             name: "★Cozy doble bedroom ★Nearby Christ the Redeemer★"
```

mmary: "Stay in a quiet place with great location! Free wifi access throughout

## Reto 03

Output after \$\frac{\\$match}{\} stage (Sample of 20 documents)

```
ww.airbnb.com/rooms/10066928"
eur du Plateau"
ment comporte 3 chambres avec
queen. Nous ..."
est lumineux, plein de vie et
disposer..."
artement comporte 3 chambres ave
```

Output after \$group stage () (Sample of 1 document)

```
_id: null
total: 5303
```

```
[{$match: {
    amenities: {$in: ["Wifi", "Ethernet"]}
}}, {$group: {
    _id: null,
    total: {
      $sum: 1
    }
}}]
```