

Screenshots of successfully executed queries.

Create and insert into user collection

```
> _MONGOSH

> db.createCollection("users") //Create USER collection
< { ok: 1 }

> // Insert data into "user".
db.users.insertOne({
  cc: 'f1234567',
  fullname: 'andrew carpenter',
  email: 'andrew_car34@email.com',
  country: 'usa',
  favoritegender: ['comedy','horror','action']
})

db.users.insertMany([
  {
    "cc": "578721943",
    "fullname": "laura p  rez",
    "email": "laura_pz91@email.com",
    "country": "colombia",
    "favoritegender": ["drama", "romance", "action"]
  },
  {
    "cc": "5482193s",
    "fullname": "hans m  ller",
    "email": "hmuller88@email.de",
    "country": "germany",
    "favoritegender": ["thriller", "sci-fi", "comedy"]
  },
  {
    "cc": "j6127384",
    "fullname": "takashi yamamoto",
    "email": "takashi_ymt72@email.jp",
    "country": "japan",
    "favoritegender": ["animation", "action", "drama"]
  },
])
```

users						
	_id ObjectId	cc String	fullname String	email String	country String	favoritegender Array
1	ObjectId('68937ed7135d01...	"f1234567"	"andrew carpenter"	"andrew_car34@email.com"	"usa"	[] 3 elements
2	ObjectId('68937ed8135d01...	"578721943"	"laura pérez"	"laura_pz91@email.com"	"colombia"	[] 3 elements
3	ObjectId('68937ed8135d01...	"5482193s"	"hans müller"	"hmuller88@email.de"	"germany"	[] 3 elements
4	ObjectId('68937ed8135d01...	"j6127384"	"takashi yamamoto"	"takashi_ymt72@email.jp"	"japan"	[] 3 elements
5	ObjectId('68937ed8135d01...	"1948372t"	"marie dubois"	"marie.db83@email.fr"	"france"	[] 3 elements

Users whose favorite genre includes "sci-fi" or "thriller"

```
> // Users whose favorite genre includes "sci-fi" or "thriller"
db.users.find({ favoritegender: { $in: ["sci-fi", "thriller"] } })
< {
  _id: ObjectId('68937ed8135d01b042a58e3c'),
  cc: '5482193s',
  fullname: 'hans müller',
  email: 'hmuller88@email.de',
  country: 'germany',
  favoritegender: [
    'thriller',
    'sci-fi',
    'comedy'
  ]
}
```

Users from Colombia or Japan who like "drama"

```
> // Users from Colombia or Japan who like "drama"
db.users.find({
  $and: [
    { country: { $in: ["colombia", "japan"] } },
    { favoritegender: "drama" }
  ]
})
< {
  _id: ObjectId('68937ed8135d01b042a58e3b'),
  cc: '578721943',
  fullname: 'laura pérez',
  email: 'laura_pz91@email.com',
  country: 'colombia',
  favoritegender: [
    'drama',
    'romance',
    'action'
  ]
}
{
  _id: ObjectId('68937ed8135d01b042a58e3d'),
  cc: 'j6127384',
  fullname: 'takashi yamamoto',
  email: 'takashi_ymt72@email.jp',
  country: 'japan',
  favoritegender: [
    'animation',
    'action',
    'drama'
  ]
}
```

Average film qualification

```
> // Average film qualification
db.movies.aggregate([
  { $unwind: "$reviews" },
  {
    $group: {
      _id: "$title",
      avg_rating: { $avg: "$reviews.rating" },
      total_reviews: { $sum: 1 }
    }
  },
  { $sort: { avg_rating: -1 } }
])
< {
  _id: 'The Matrix',
  avg_rating: 5,
  total_reviews: 1
}
{
  _id: 'Spirited Away',
  avg_rating: 5,
  total_reviews: 1
}
{
  _id: 'Amélie',
  avg_rating: 5,
  total_reviews: 1
}
{
  _id: 'Parasite',
  avg_rating: 4.5,
  total_reviews: 2
}
{
  _id: 'Inception',
  avg_rating: 4,
  total_reviews: 1
}
```