

01.Create a Database called music.

02.Create a collection called songdetails.

```
xxx 0.000000
> use music
switched to db music
> show collections
> db.createCollection("songdetails")
{ "ok" : 1 }
> show collections
songdetails
>
```

03.Create the above 5 song documents.

```
songdetails
> db.songdetails.insert([
  {SongName:"Thaniye Thannathaniye",Film:"Rhythm",MusicDirectot:"A.R.Rhman",Singer:"Shankar mahadevan"},
  {SongName:"Evano Oruvan",Film:"Alai Payuthey",MusicDirectot:"A.R.Rahman",Singer:"Swarnalatha"},
  {SongName:"Roja Poonthottam",Film:"Kannukkul Nilavu",MusicDirectot:"Ilaiyaraaja",Singer:"Unnikrishnan,Anuradah
aSriram"},{SongName:"Vennilave Vanilave Vinnaithaandi",Film:"Minsara Kanavu",MusicDirectot:"A.R.Rahman",Singer:"Hariharan Sadhansargam"},{Song
Name:"Sollal Thottu Chellum Thendral",Film:"Dheena",MusicDirectot:"Yuvan Shankar Raja",Singer:"Hariharan"}])
BulkWriteResult({
  "writeErrors" : [ ],
  "writeConcernErrors" : [ ],
  "nInserted" : 5,
  "nUpserted" : 0,
  "nMatched" : 0,
  "nModified" : 0,
  "nRemoved" : 0,
  "upserted" : [ ]
})
```

04.List all documents created.

```

> db.songdetails.find().pretty()
{
  "_id" : ObjectId("5d10903feebc0ff9167b5b11"),
  "SongName" : "Thaniye Thannathaniye",
  "Film" : "Rhythm",
  "MusicDirectot" : "A.R.Rhman",
  "Singer" : "Shankar mahadevan"
}
{
  "_id" : ObjectId("5d10903feebc0ff9167b5b12"),
  "SongName" : "Evano Oruvan",
  "Film" : "Alai Payuthey",
  "MusicDirectot" : "A.R.Rahman",
  "Singer" : "Swarnalatha"
}
{
  "_id" : ObjectId("5d10903feebc0ff9167b5b13"),
  "SongName" : "Roja Poonthottam",
  "Film" : "Kannukkul Nilavu",
  "MusicDirectot" : "Ilaiyaraaja",
  "Singer" : "Unnikrishnan,AnuradahaSriram"
}
{
  "_id" : ObjectId("5d10903feebc0ff9167b5b14"),
  "SongName" : "Vennilave Vanilave Vinnaithaandi",
  "Film" : "Minsara Kanavu",
  "MusicDirectot" : "A.R.Rahman",
  "Singer" : "Hariharan Sadhansargam"
}
{
  "_id" : ObjectId("5d10903feebc0ff9167b5b15"),
  "SongName" : "Sollal Thottu Chellum Thendral",
  "Film" : "Dheena",
  "MusicDirectot" : "Yuvan Shankar Raja",
  "Singer" : "Hariharan"
}
```

05. List A.R. Rahman's songs.

```
> db.songdetails.find({MusicDirector:"A.R.Rahman"}).pretty()
{
  "_id" : ObjectId("5d10903feebc0ff9167b5b12"),
  "SongName" : "Evano Oruvan",
  "Film" : "Alai Payuthey",
  "MusicDirector" : "A.R.Rahman",
  "Singer" : "Swarnalatha"
}
{
  "_id" : ObjectId("5d10903feebc0ff9167b5b14"),
  "SongName" : "Vennilave Vanilave Vinnaihaandi",
  "Film" : "Minsara Kanavu",
  "MusicDirector" : "A.R.Rahman",
  "Singer" : "Hariharan Sadhansargam"
}
```

06. List A.R. Rahman's songs sung by Unnikrishnan.

```
> db.songdetails.find({$and:[{MusicDirector:"A.R.Rahman"},{Singer:"Unnikrishnan"}]})
>
>
```

07. Delete the song which you don't like.

08. Add new song which is your favourite.

```
>
>
> db.songdetails.remove({"SongName":"Evano oruvan"})
WriteResult({ "nRemoved" : 0 })
> db.songdetails.insert({Song:"Adiyae Azhag",Film:"oru naal koothu",MusicDirector:"A.R.Rhman",singer:"SeanRoldan"})
WriteResult({ "nInserted" : 1 })
> db.songdetails.find().pretty()
```

09. List Songs sung by Hariharan from Minsara kanavu film.

```
> db.songdetails.find({$and:[{"Film" : "Minsara Kanavu"}, {"Singer" : "Hariharan Sadhansargam"}]}).pretty()
{
  "_id" : ObjectId("5d10903feebc0ff9167b5b14"),
  "SongName" : "Vennilave Vanilave Vinnaihaandi",
  "Film" : "Minsara Kanavu",
  "MusicDirector" : "A.R.Rahman",
  "Singer" : "Hariharan Sadhansargam"
}
```

10. List out the singers' names in your document.

```
>
> db.songdetails.find({}, {"Singer":1, _id:0}).pretty()
{ "Singer" : "Shankar mahadevan" }
{ "Singer" : "Swarnalatha" }
{ "Singer" : "Unnikrishnan,AnuradahaSriram" }
{ "Singer" : "Hariharan Sadhansargam" }
{ "Singer" : "Hariharan" }
{ }
> db.songdetails.find({"Singer":1, _id:0}).pretty()
```

```
Activities Terminal Mon 15:31
File Edit View Search Terminal Tabs Help
Terminal
> use music
switched to db music
> show collections
> db.createCollection("songdetails")
{ "ok" : 1 }
> show collections
songdetails
>
> db.songdetails.insert([
  {SongName:"Thaniye Thannathaniye",Film:"Rhythm",MusicDirectot:"A.R.Rhman",Singer:"Shankar mahadevan"},
  {SongName:"Evano Oruvan",Film:"Alai Payuthey",MusicDirectot:"A.R.Rahman",Singer:"Swarnalatha"},
  {SongName:"Roja Poonthottam",Film:"Kannukkul Nilavu",MusicDirectot:"Ilaiyaraaja",Singer:"Unnikrishnan,Anuradah
aSrtram"},{SongName:"Vennilave Vanilave Vinnaithaandi",Film:"Minsara Kanavu",MusicDirectot:"A.R.Rahman",Singer:"Hariharan Sadhansargam"},{Song
Name:"Sollal Thottu Chellum Thendral",Film:"Dheena",MusicDirectot:"Yuvan Shankar Raja",Singer:"Hartharan"}])
BulkWriteResult({
  "writeErrors" : [ ],
  "writeConcernErrors" : [ ],
  "nInserted" : 5,
  "nUpserted" : 0,
  "nMatched" : 0,
  "nModified" : 0,
  "nRemoved" : 0,
  "nUpserted" : [ ]
})
> db.songdetails.find().pretty()
{
  "_id" : ObjectId("5d10903feebc0ff9167b5b11"),
  "SongName" : "Thaniye Thannathaniye",
  "Film" : "Rhythm",
  "MusicDirectot" : "A.R.Rhman",
  "Singer" : "Shankar mahadevan",
}
{
  "_id" : ObjectId("5d10903feebc0ff9167b5b12"),
  "SongName" : "Evano Oruvan",
  "Film" : "Alai Payuthey",
  "MusicDirectot" : "A.R.Rahman",
}
```

```
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File Edit View Search Terminal Tabs Help
Terminal
>
> db.songdetails.remove({"SongName":"Evano oruvan"})
WriteResult({ "nRemoved" : 0 })
> db.songdetails.insert({Song:"Adiyae Azhag",Film:"oru naal koothu",MusicDirector:"A.R.Rhman",singer:"SeanRoldan"})
WriteResult({ "nInserted" : 1 })
> db.songdetails.find().pretty()
{
  "_id" : ObjectId("5d10903feebc0ff9167b5b11"),
  "SongName" : "Thaniye Thannathaniye",
  "Film" : "Rhythm",
  "MusicDirectot" : "A.R.Rhman",
  "Singer" : "Shankar mahadevan",
}
{
  "_id" : ObjectId("5d10903feebc0ff9167b5b12"),
  "SongName" : "Evano Oruvan",
  "Film" : "Alai Payuthey",
  "MusicDirectot" : "A.R.Rahman",
  "Singer" : "Swarnalatha",
}
{
  "_id" : ObjectId("5d10903feebc0ff9167b5b13"),
  "SongName" : "Roja Poonthottam",
  "Film" : "Kannukkul Nilavu",
  "MusicDirectot" : "Ilaiyaraaja",
  "Singer" : "Unnikrishnan,AnuradahaSrtram",
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{
  "_id" : ObjectId("5d10903feebc0ff9167b5b14"),
  "SongName" : "Vennilave Vanilave Vinnaithaandi",
  "Film" : "Minsara Kanavu",
  "MusicDirectot" : "A.R.Rahman",
  "Singer" : "Hariharan Sadhansargam",
}
{
  "_id" : ObjectId("5d10903feebc0ff9167b5b15")
}
```