

1) Create a Database called music

```
> use music
switched to db music
> show dbs
admin (empty)
local 0.078GB
uki 0.078GB
> |
```

2) Create a collection called songdetails.

```
> db.createCollection(song_details)
2019-06-24T12:50:21.942+0530 SyntaxError: Unexpected identifier
> db.createCollection("song_details")
{ "ok" : 1 }
> |
```

3) Create the above 5 song documents.

```
> db.songdetails.insert({SongName:"EvanoOruvan",Film:"Alaipayuthey",MusicDirector:"A.R.Rahman",Singer:"Swarnalatha"})
WriteResult({ "nInserted" : 1 })
> db.songdetails.insert({SongName:"RojaPoonthottam",Film:"kannukkulNilavu",MusicDirector:"Ilaiyaraaja",Singer:"Unnikrishnan,AnuradhaSriram"})
WriteResult({ "nInserted" : 1 })
> db.songdetails.insert({SongName:"VennilavaeVennilavae",Film:"MinsaraKanavu",MusicDirector:"A.R.Rahman",Singer:"Hariharan,AnuradhaSriram"})
WriteResult({ "nInserted" : 1 })
> db.songdetails.insert({SongName:"sollamalThottuchellum",Film:"Dheena",MusicDirector:"YuvanShankarRaja",Singer:"Hariharan"})
WriteResult({ "nInserted" : 1 })
> db.songdetails.insert({SongName:"ThaniyeThananthaniye",Film:"Rhythm",MusicDirector:"A.R.Rahman",Singer:"ShankarMahadevan"})
WriteResult({ "nInserted" : 1 })
```

4) List all documents created.

```
db.songdetails.find().pretty()
  "_id" : ObjectId("5d109782bf139579d63a75f8"),
  "SongName" : "EvanoOruvan",
  "Film" : "Alaipayuthey",
  "MusicDirector" : "A.R.Rahman",
  "Singer" : "Swarnalatha"

  "_id" : ObjectId("5d1097cabf139579d63a75f9"),
  "SongName" : "RojaPoonthottam",
  "Film" : "kannukkulNilavu",
  "MusicDirector" : "Ilaiyaraaja",
  "Singer" : "Unnikrishnan,AnuradhaSriram"

  "_id" : ObjectId("5d1097e2bf139579d63a75fa"),
  "SongName" : "VennilavaeVennilavae",
  "Film" : "MinsaraKanavu",
  "MusicDirector" : "A.R.Rahman",
  "Singer" : "Hariharan,AnuradhaSriram"

  "_id" : ObjectId("5d1097f7bf139579d63a75fb"),
  "SongName" : "sollamalthottuchellum",
  "Film" : "Dheena",
  "MusicDirector" : "YuvanShankarRaja",
  "Singer" : "Hariharan"

  "_id" : ObjectId("5d109855bf139579d63a75fc"),
  "SongName" : "ThaniyeThananthaniye",
  "Film" : "Rhythm",
  "MusicDirector" : "A.R.Rahman",
  "Singer" : "ShankarMahadevan"
```

5) List A.R.Rahman's songs.

```
db.songdetails.find({"MusicDirector":"A.R.Rahman"}).pretty()
{"_id" : ObjectId("5d109782bf139579d63a75f8"),
  "SongName" : "EvanoOruvan",
  "Film" : "Alaipayuthey",
  "MusicDirector" : "A.R.Rahman",
  "Singer" : "Swarnalatha"}
{"_id" : ObjectId("5d1097e2bf139579d63a75fa"),
  "SongName" : "VennilavaeVennilavae",
  "Film" : "MinsaraKanavu",
  "MusicDirector" : "A.R.Rahman",
  "Singer" : "Hariharan,AnuradhaSriram"}
{"_id" : ObjectId("5d109855bf139579d63a75fc"),
  "SongName" : "ThaniyeThananthaniye",
  "Film" : "Rhythm",
  "MusicDirector" : "A.R.Rahman",
  "Singer" : "ShankarMahadevan"}
```

6) List A.R.Rahman's songs sung by Unnikrishnan.

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

7) Delete the song which you don't like.



```

db.songdetails.remove( { "SongName": "EvanoOruvan" } )
WriteResult({ "nRemoved" : 1 })
db.songdetails.find().pretty()

  "_id" : ObjectId("5d1097cabf139579d63a75f9"),
  "SongName" : "RojaPoonthottam",
  "Film" : "kannukkulNilavu",
  "MusicDirector" : "Ilaiyaraaja",
  "Singer" : "Unnikrishnan,AnuradhaSriram"

  "_id" : ObjectId("5d1097e2bf139579d63a75fa"),
  "SongName" : "VennilavaeVennilavae",
  "Film" : "MinsaraKanavu",
  "MusicDirector" : "A.R.Rahman",
  "Singer" : "Hariharan,AnuradhaSriram"

  "_id" : ObjectId("5d1097f7bf139579d63a75fb"),
  "SongName" : "sollamalthottuchellum",
  "Film" : "Dheena",
  "MusicDirector" : "YuvanShankarRaja",
  "Singer" : "Hariharan"

  "_id" : ObjectId("5d109855bf139579d63a75fc"),
  "SongName" : "ThaniyeThananthaniye",
  "Film" : "Rhythm",
  "MusicDirector" : "A.R.Rahman",
  "Singer" : "ShankarMahadevan"

```

8) Add new song which is your favourite.

```

> db.songdetails.insert({Songname:"neethanea neethanea",Film:24,MusicDirector:"A.R.Rahman",Singer:"santh"})
WriteResult({ "nInserted" : 1 })
>

```

9) List Songs sung by Hariharan from Minsara kanavu film.

```

> db.songdetails.find({$and:[{Singer:"Hariharan,AnuradhaSriram"},{Film:"MinsaraKanavu"}]})
{ "_id" : ObjectId("5d1097e2bf139579d63a75fa"), "SongName" : "VennilavaeVennilavae", "Film" : "MinsaraKanavu", "MusicDirector" : "A.R.Rahman", "Singer" : "Hariharan,AnuradhaSriram" }
>

```

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

```

{ "_id" : ObjectId("5d11cf101c87b248d963b989"), "Singer" : "Unnikrishnan,AnuradhaSriram" }
> db.songdetails.find({},{"Singer":1,"_id":0})
{ "Singer" : "Unnikrishnan,AnuradhaSriram" }
{ "Singer" : "Hariharan,AnuradhaSriram" }
{ "Singer" : "Hariharan" }
{ "Singer" : "ShankarMahadevan" }
{ "Singer" : "santh" }
> db.songdetails.find({"Singer":1,"_id":0})

```