

- 1) Create a Database called music .

```
> show dbs
admin    0.000GB
local    0.000GB
student  0.000GB
> use music
switched to db music
> |
```

- 2) Create a collection called songdetails .
- 3) Create the above 5 song documents.

```
> db.songdetails.insert({songname:"thaniye thannanthaniye",film:"rhythm",musicdirector:"ar.rahman",singer:"shankarmahadevan"})
WriteResult({ "nInserted" : 1 })
> db.songdetails.insert({songname:"evano oruvan",film:"alaipayuthe",musicdirector:"ar.rahman",singer:"swarnalatha"})
WriteResult({ "nInserted" : 1 })
> db.songdetails.insert({songname:"roja poonthottam",film:"kannukul nilavu",musicdirector:"ilayaraja",singer:"unnikrishnan"})
WriteResult({ "nInserted" : 1 })
> db.songdetails.insert({songname:"vennilave vennilave",film:"minsara kanavu",musicdirector:"ar.rahman",singer:"hariharan, sadanasarkam"})
WriteResult({ "nInserted" : 1 })
> db.songdetails.insert({songname:"vennilave vennilave",film:"minsara kanavu",musicdirector:"ar.rahman",singer:"hariharan, sadanasarkam"})
WriteResult({ "nInserted" : 1 })
> db.songdetails.insert({songname:"sollamal thottu",film:"dheena",musicdirector:"yuvanshakar raja",singer:"hariharan"})
WriteResult({ "nInserted" : 1 })
> |
```

- 4) List all documents created.

```
db.songdetails.find().pretty()

  "_id" : ObjectId("5924108735eb865c46dbe809"),
  "songname" : "thaniye thannanthaniye",
  "film" : "rhythm",
  "musicdirector" : "ar.rahman",
  "singer" : "shankarmahadevan"

  "_id" : ObjectId("5924110535eb865c46dbe80a"),
  "songname" : "evano oruvan",
  "film" : "alaipayuthe",
  "musicdirector" : "ar.rahman",
  "singer" : "swarnalatha"

  "_id" : ObjectId("5924115635eb865c46dbe80b"),
  "songname" : "roja poonthottam",
  "film" : "kannukul nilavu",
  "musicdirector" : "ilayaraja",
  "singer" : "unnikrishnan"

  "_id" : ObjectId("5924125f35eb865c46dbe80c"),
  "songname" : "vennilave vennilave",
  "film" : "minsara kanavu",
  "musicdirector" : "ar.rahman",
  "singer" : "hariharan, sadanasarkam"

  "_id" : ObjectId("5924128735eb865c46dbe80d"),
  "songname" : "vennilave vennilave",
  "film" : "minsara kanavu",
  "musicdirector" : "ar.rahman",
  "singer" : "hariharan, sadanasarkam"
```

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

```
> db.songdetails.find({musicdirector:"ar.rahman"},{songname:1,_id:0})
{ "songname" : "thaniye thannanthaniye" }
{ "songname" : "evano oruvan" }
{ "songname" : "vennilave vennilave" }
{ "songname" : "vennilave vennilave" }
>
```

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

```
db.songdetails.find({musicdirector:"ar.rahman"},{singer:"unnikrishnan",_id:0})
"singer" : "shankarmahadevan" }
"singer" : "swarnalatha" }
"singer" : "hariharan, sadanasarkam" }
"singer" : "hariharan, sadanasarkam" }
>
```

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

```
> db.songdetails.remove({"songname":"evano oruvan"})
WriteResult({ "nRemoved" : 1 })
>
```

8) Add new song which is your favourite.

```
> db.songdetails.insert({songname:"evano oruvan",film:"alaipayuthe",musicdirector:"ar.rahman",singer:"swarnalatha"})
WriteResult({ "nInserted" : 1 })
>
```

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

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