

1) Create a Database called music .

```
> use music  
switched to db music
```

2.Create a collection called song details

```
db.createCollection("songdetails")  
{"ok" : 0, "errmsg" : "collection already exists", "code" : 48 }
```

3.Create the above 5 song documents.

```
db.songdetails.insert(song_name:"thaniye thananthaniye",film:"Rhythm",music_director:"A.R.Rahman",singer:"Shankar mahadevan")  
017-05-23T16:39:19.339+0530 E QUERY [thread1] SyntaxError: missing ) after argument list @(shell):1:31  
db.songdetails.insert({song_name:"thaniye thananthaniye",film:"Rhythm",music_director:"A.R.Rahman",singer:"Shankar mahadevan"})  
riteResult({ "nInserted" : 1 })  
db.songdetails.insert({song_name:"Evano oruvan",film:"Alai payuthe",music_director:"A.R.Rahman",female_singer:"Swarnalatha "})  
riteResult({ "nInserted" : 1 })  
db.songdetails.insert({song_name:"Roja poonthodam",film:"Kanukul nilavu",music_director:"Illaiyaraja",singer:"Unnikrishnan"})  
riteResult({ "nInserted" : 1 })  
db.songdetails.insert({song_name:"Vennilave vennilave vinnaithani",film:"Minshara kanavu",music_director:"A.R.Rahman",singer:"Hariharan",fema  
e_singer:"Sadhana sargam"})  
riteResult({ "nInserted" : 1 })  
db.songdetails.insert({song_name:"Sollamal thodu chellum theentral",film:"Dheena",music_director:"Yuvan shankar raja",singer:"Hariharan"})  
riteResult({ "nInserted" : 1 })  
db.songdetails.find().pretty()
```

4.List all documents created.

```
"_id" : ObjectId("5924109447fe44fd25608793"),
"film" : "Dheena",
"music_Director" : "yuvan shankarraja",
"singer" : "Hariharan"

"_id" : ObjectId("59241884e10091c1af09a913"),
"song_name" : "thaniye thananthaniye",
"film" : "Rhythm",
"music_director" : "A.R.Rahman",
"singer" : "Shankar mahadevan"

"_id" : ObjectId("5924191fe10091c1af09a914"),
"song_name" : "Evano oruvan",
"film" : "Alai payuthe",
"music_director" : "A.R.Rahman",
"female_singer" : "Swarnalatha "

"_id" : ObjectId("592419dae10091c1af09a915"),
"song_name" : "Roja poonthodam",
"film" : "Kanukul nilavu",
"music_director" : "Illaiyaraja",
"singer" : "Unnikirishnan"

"_id" : ObjectId("59241aa1e10091c1af09a916"),
"song_name" : "Vennilave vennilave vinnai",
"film" : "Minshara kanavu",
"music_director" : "A.R.Rahman",
"singer" : "Hariharan",
"female_singer" : "Sadhana sargam"

"_id" : ObjectId("59241b00e10091c1af09a917"),
"song_name" : "Sollamal thodu chellum thental",
"film" : "Dheena",
"music_director" : "Yuvan shankar raja",
"singer" : "Hariharan"

db.songdetails.find({music_director:"A.R.Rahman"},{song_name:1,_id:0})
{ "_id" : ObjectId("59241b00e10091c1af09a917"),
  "song_name" : "Sollamal thodu chellum thental",
  "film" : "Dheena",
  "music_Director" : "A.R.Rahman",
  "singer" : "Yuvan shankar raja",
  "female_singer" : null }
```

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

```
db.songdetails.find({music_director:"A.R.Rahman"},{song_name:1,_id:0})
{"song_name" : "thaniye thananthaniye" }
{"song_name" : "Evano oruvan" }
{"song_name" : "Vennilave vennilave vinnai" }
```

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

```
db.songdetails.find({music_director:"A.R.Rahman"},{singer:"Unnikrishnan"},{singer:1,_id:0})
{"_id": ObjectId("59241884e10091c1af09a913"), "singer": "Shankar mahadevan" }
{"_id": ObjectId("5924191fe10091c1af09a914") }
{"_id": ObjectId("59241aa1e10091c1af09a916"), "singer": "Hartharan" }
```

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

```
> db.songdetails.remove({"song_name":"Vennilave vennilave vinnai thani"})
WriteResult({"nRemoved" : 1 })
```

8. Add new song which is your favourite.

```
> db.songdetails.insert({"song_name":"Ithayathai etho onru"})
WriteResult({ "nInserted" : 1 })
```

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

No out put

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

```
db.songdetails.find({}, {singer:1, _id:0})
{
  "_id" : 1,
  "singer" : "Shankar mahadevan" }
{
  "_id" : 2,
  "singer" : "Unnikirishnan" }
{
  "_id" : 3,
  "singer" : "Hariharan" }
{ }
```