

### 1) Create a Database called music.

```
> use music
switched to db music
> dbs
2019-06-24T12:43:04.046+0530 ReferenceError: dbs is not defined
> show dbs
uki5    0.078GB
admin   (empty)
test    0.078GB
> █
```

### 2) Create a collection called songdetails.

```
> db.createCollection("songdetails")
{ "ok" : 1 }
> █
```

### 3) Create the above 5 song documents.

```
> db.songdetails.insert({SongName:"EvanoOruvan",Film:"Alaipayuthey",MusicDirector:"A.R.Rahman",Singer:"Swarnalatha"})
2019-06-24T14:07:25.156+0530 SyntaxError: Unexpected identifier
> db.songdetails.insert({SongName:"EvanoOruvan",Film:"Alaipayuthey",MusicDirector:"A.R.Rahman",Singer:"Swarnalatha"})
WriteResult({ "nInserted" : 1 })
> db.songdetails.insert({SongName:"RojaPoonthottam",Film:"kannukkuNilavu",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.find().pretty()
```

### 4) List all documents created.

```
"_id" : ObjectId("5d108a60555a181016263fe7"),
"SongName" : "Thaniyethannanthaniye",
"Film" : "Rhythm",
"MusicDirector" : "A.R.Rahman",
"Singer" : "Shankarnahadevan"

"_id" : ObjectId("5d108bcf555a181016263fe8"),
"SongName" : "EvanoOruvan",
"Film" : "Alaipayuthey",
"MusicDirector" : "A.R.Rahman",
"Singer" : "Swarnalatha"

"_id" : ObjectId("5d108c5e555a181016263fe9"),
"SongName" : "RojaPoonthottam",
"Film" : "kannukkuNilavu",
"MusicDirector" : "Ilaiyaraaja",
"Singer" : "Unnikrishnan,AnuradhaSriram"

"_id" : ObjectId("5d108ce7555a181016263fea"),
"SongName" : "VennilavaeVennilavae",
"Film" : "MinsaraKanavu",
"MusicDirector" : "A.R.Rahman",
"Singer" : "Hariharan,AnuradhaSriram"

"_id" : ObjectId("5d108d2e555a181016263feb"),
"SongName" : "sollamalthottuchellum",
"Film" : "Dheena",
"MusicDirector" : "YuvanShankarRaja",
"Singer" : "Hariharan"
```

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

```
> db.songdetails.find({"MusicDirector":"A.R.Rahman"}).pretty()
{
  "_id" : ObjectId("5d108a60555a181016263fe7"),
  "SongName" : "Thaniyethannanthaniye",
  "Film" : "Rhythm",
  "MusicDirector" : "A.R.Rahman",
  "Singer" : "Shankarmahadevan"
}
{
  "_id" : ObjectId("5d108bcf555a181016263fe8"),
  "SongName" : "EvanoOruvan",
  "Film" : "Alaipayuthey",
  "MusicDirector" : "A.R.Rahman",
  "Singer" : "Swarnalatha"
}
{
  "_id" : ObjectId("5d108ce7555a181016263fea"),
  "SongName" : "VennilavaeVennilavae",
  "Film" : "MinsaraKanavu",
  "MusicDirector" : "A.R.Rahman",
  "Singer" : "Hariharan,AnuradhaSriram"
}
```

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()
{
```

8) Add new song which is your favourite.

```
> db.songdetails.insert({"Song Name":"Nee nenacha","Film":"MR.Local","Music Director":"Aniruth","Singer":"Sriram"})
WriteResult({ "nInserted" : 1 })
>
```

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

```
{ "_id" : ObjectId("5d1091f989ad4768901c0821"), "Song Name" : "Vennilave Vennilave Vinnaithaandi", "Film" : "Minsara Kanavu", "Music Director" : "A.R.Rahman", "Singer" : "Hariharan Sadhana Sargam" }
>
```

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

```
> db.songdetails.find({}, {"Singer":1, "_id":0}).pretty()
{ "Singer" : "Shankar mahadevan" }
{ "Singer" : "Unnikrishnan,Anuradha Sriram" }
{ "Singer" : "Hariharan Sadhana Sargam" }
{ "Singer" : "Hariharan" }
{ "Singer" : "Sriram" }
>
```