

Ques1

Create a Database called music.

```
2019-06-24T11:37:44.57  
> use music  
switched to db music  
> db  
music  
> |
```

Ques2

Create a collection called songdetails.

```
> db.createCollection("songdetails")  
{ "ok" : 1 }  
> db  
music  
> show collections  
songdetails
```

Ques3

Create the above 5 song documents.

```
> use music  
switched to db music  
> show collections  
songdetails
```

Ques4

List all documents created.

```
> db.songdetails.find().pretty()
{
  "_id" : ObjectId("5d108bd660f28d44ccb5a176"),
  "SongName" : "Thaniye Thananthaniye",
  "film" : "Rhythm",
  "MusicDirector" : "A.R.Rahman",
  "Singer" : "Shankar Mahadevan"
}
{
  "_id" : ObjectId("5d108bd660f28d44ccb5a177"),
  "SongName" : "Evano Oruvan",
  "film" : "Alai payuthey",
  "MusicDirector" : "A.R.Rahman",
  "Singer" : "Swarnalatha"
}
{
  "_id" : ObjectId("5d108bd660f28d44ccb5a178"),
  "SongName" : "Roja Poonthottam",
  "film" : "Kannukkul Nilavu",
  "MusicDirector" : "Ilaiyaraaja",
  "Singer" : "Unnikirishan Anuradha Sriram"
}
{
  "_id" : ObjectId("5d108bd660f28d44ccb5a179"),
  "SongName" : "Vennilavae Vennilave Vinnaihandi",
  "film" : "Minsara Kanavu",
  "MusicDirector" : "A.R.Rahman",
  "Singer" : "Hariharan Sadhana Sargam"
}
{
  "_id" : ObjectId("5d108bd660f28d44ccb5a17a"),
  "SongName" : "Sollamal Thottu Chellum Thendral",
  "film" : "Dheena",
  "MusicDirector" : "Yuvan Shankar Raja",
  "Singer" : "Hariharan"
}
> db.songdetails.find({MusicDirector:"A.R.Rahman"}).pretty()
{
  "_id" : ObjectId("5d108bd660f28d44ccb5a176"),
  "SongName" : "Thaniye Thananthaniye",
  "film" : "Rhythm",
  "MusicDirector" : "A.R.Rahman",
```

Ques5

List A.R.Rahman's songs.

```
> db.songdetails.find({MusicDirector:"A.R.Rahman"}).pretty()
{
  "_id" : ObjectId("5d108bd660f28d44ccb5a176"),
  "SongName" : "Thaniye Thananthaniye",
  "film" : "Rhythm",
  "MusicDirector" : "A.R.Rahman",
  "Singer" : "Shankar Mahadevan"
}
{
  "_id" : ObjectId("5d108bd660f28d44ccb5a177"),
  "SongName" : "Evano Oruvan",
  "film" : "Alai payuthey",
  "MusicDirector" : "A.R.Rahman",
  "Singer" : "Swarnalatha"
}
{
  "_id" : ObjectId("5d108bd660f28d44ccb5a179"),
  "SongName" : "Vennilavae Vennilave Vinnaihandi",
  "film" : "Minsara Kanavu",
  "MusicDirector" : "A.R.Rahman",
  "Singer" : "Hariharan Sadhana Sargam"
}
> |
```

Ques6

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

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

Ques7

Delete the song which you don't like.

```
> db.songdetails.remove({"SongName":"Thaniye Thananthaniye"})
WriteResult({ "nRemoved" : 1 })
> db.songdetails.find().pretty()
{
  "_id" : ObjectId("5d108bd660f28d44ccb5a177"),
  "SongName" : "Evano Oruvan",
  "film" : "Alai payuthey",
  "MusicDirector" : "A.R.Rahman",
  "Singer" : "Swarnalatha"
}
{
  "_id" : ObjectId("5d108bd660f28d44ccb5a178"),
  "SongName" : "Roja Poonthottam",
  "film" : "Kannukkul Nilavu",
  "MusicDirector" : "Ilaiyaraaja",
  "Singer" : "Unnikirishan Anuradha Sriram"
}
{
  "_id" : ObjectId("5d108bd660f28d44ccb5a179"),
  "SongName" : "Vennilavae Vennilave Vinnaitthandi",
  "film" : "Minsara Kanavu",
  "MusicDirector" : "A.R.Rahman",
  "Singer" : "Hariharan Sadhana Sargam"
}
{
  "_id" : ObjectId("5d108bd660f28d44ccb5a17a"),
  "SongName" : "Sollamal Thottou Chellum Thendral",
  "film" : "Dheena",
  "MusicDirector" : "Yuvan Shankar Raja",
  "Singer" : "Hariharan"
}
> |
```

Ques8

Add new song which is your favourite.

```
> db.songdetails.insert({"SongName":"Enke antha vennila",film:"Varusham ellam vasa
ntham",MusicDirector:"Sippy",Singer:"Unnimenan"})
WriteResult({ "nInserted" : 1 })
> db.songdetails.find().pretty()
```

Ques9

List Songs sung by Hariharan from Minsara kanavu film.

```
> db.songdetails.find({"$and":[{"film":"Minsara Kanavu"}, {"Singer":"Hariharan Sadhana Sargam"}]}).pretty()
{
  "_id" : ObjectId("5d108bd660f28d44ccb5a179"),
  "SongName" : "Vennilavae Vennilave Vinnaitthandi",
  "film" : "Minsara Kanavu",
  "MusicDirector" : "A.R.Rahman",
  "Singer" : "Hariharan Sadhana Sargam"
}
> |
```

Ques10

List out the singers' names in your document.

```
> db.songdetails.find({},{"Singer":1,"_id":0}).pretty()
{ "Singer" : "Swarnalatha" }
{ "Singer" : "Unnikirishan Anuradha Sriram" }
{ "Singer" : "Hariharan Sadhana Sargam" }
{ "Singer" : "Hariharan" }
{ "Singer" : "Unnimenan" }
> |
```