1) Create a Database called music.

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

2) Create a collection called songdetails.

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

3) Create the above 5 song documents.

```
> db.songdetails.insert([{SongName:"Thaniye Thannanthaniye",Film:"Rhythm",MusicDirector:"A.R.Rahuman",Singer:"Shankar mahadevan"},{SongName:"Ev
ano Oruvan",Film:"Alai Payuthey",MusicDirector:"A.R.Rahuman",Singer:"Swamalatha"},{SongName:"Roja poonthottam",Film:"Kannukkul Nilavu",MusicDir
ector:"Ilaiyaraaja",Singer:"Unnikirishnan Anuradha Sriram"},{SongName:"Vennilavee Vennilave Vinnaithandi",Film:"Minsara Kanavu",MusicDirector:"
A.R.Rahuman",Singer:"Hariharan Sadhana Sargam"},{SongName:"Sollamal Thottu Chellum Thendral",Film:"Dheena",MusicDirector:"Yuvan Shankar Raja",S
inger:"Hariharan"}])
BulkWriteResult({
        "writeErrors" : [ ],
        "writeConcernErrors" : [ ],
        "nInserted" : 5,
        "nUpserted" : 0,
        "nMatched" : 0,
        "nModified" : 0,
        "nRemoved" : 0,
        "upserted" : [ ]
})
```

4) List all documents created.

```
> db.songdetails.find().pretty()
{
        "_id" : ObjectId("5d109aad602a0f09fd9b7232"),
        "SongName" : "Thaniye Thannanthaniye",
        "Film" : "Rhythm",
        "MusicDirector" : "A.R.Rahuman",
        "Singer" : "Shankar mahadevan"
}
{
        "_id" : ObjectId("5d109aad602a0f09fd9b7233"),
        "SongName" : "Evano Oruvan",
        "Film" : "Alai Payuthey",
        "MusicDirector" : "A.R.Rahuman",
        "Singer" : "Swamalatha"
}
{
        "_id" : ObjectId("5d109aad602a0f09fd9b7234"),
        "SongName" : "Roja poonthottam",
        "Film" : "Kannukkul Nilavu",
        "MusicDirector" : "Ilaiyaraaja",
        "Singer" : "Unnikirishnan Anuradha Sriram"
}
{
        "_id" : ObjectId("5d109aad602a0f09fd9b7235"),
        "SongName" : "Vennilavee Vennilave Vinnaithandi",
        "Film" : "Minsara Kanavu",
        "MusicDirector" : "A.R.Rahuman",
        "Singer" : "Hariharan Sadhana Sargam"
}
{
        "_id" : ObjectId("5d109aad602a0f09fd9b7236"),
        "SongName" : "Sollamal Thottu Chellum Thendral",
        "Film" : "Dheena",
        "MusicDirector" : "Yuvan Shankar Raja",
        "Singer" : "Hariharan"
```

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

```
> db.songdetails.find({MusicDirector : "A.R.Rahuman"}).pretty()
{
        "_id" : ObjectId("5d109aad602a0f09fd9b7232"),
        "SongName" : "Thaniye Thannanthaniye",
        "Film" : "Rhythm",
        "MusicDirector" : "A.R.Rahuman",
        "Singer" : "Shankar mahadevan"
}
{
        "_id" : ObjectId("5d109aad602a0f09fd9b7233"),
        "SongName" : "Evano Oruvan",
        "Film" : "Alai Payuthey",
        "MusicDirector" : "A.R.Rahuman",
        "Singer" : "Swamalatha"
}
{
        "_id" : ObjectId("5d109aad602a0f09fd9b7235"),
        "SongName" : "Vennilavee Vennilave Vinnaithandi",
        "Film" : "Minsara Kanavu",
        "MusicDirector" : "A.R.Rahuman",
        "Singer" : "Hariharan Sadhana Sargam"
}
```

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

```
> db.songdetails.find({$and:[{MusicDirector:"A.R.Rahuman"},{Singer:"Unnikirishnan"}]})
```

rishnan.

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

```
> db.songdetails.remove({"SongName":"Sollamal Thottu Chellum Thendral"})
WriteResult({ "nRemoved" : 1 })
> db.songdetails.find().pretty()
{
        "_id" : ObjectId("5d109aad602a0f09fd9b7232"),
        "SongName" : "Thaniye Thannanthaniye",
        "Film" : "Rhythm",
        "MusicDirector" : "A.R.Rahuman",
        "Singer" : "Shankar mahadevan"
}
{
        "_id" : ObjectId("5d109aad602a0f09fd9b7233"),
        "SongName" : "Evano Oruvan",
        "Film" : "Alai Payuthey",
        "MusicDirector" : "A.R.Rahuman",
        "Singer" : "Swamalatha"
}
{
        "_id" : ObjectId("5d109aad602a0f09fd9b7234"),
        "SongName" : "Roja poonthottam",
        "Film" : "Kannukkul Nilavu",
        "MusicDirector" : "Ilaiyaraaja",
        "Singer" : "Unnikirishnan Anuradha Sriram"
}
{
        "_id" : ObjectId("5d109aad602a0f09fd9b7235"),
        "SongName" : "Vennilavee Vennilave Vinnaithandi",
        "Film" : "Minsara Kanavu",
        "MusicDirector" : "A.R.Rahuman",
        "Singer" : "Hariharan Sadhana Sargam"
}
```

8) Add new song which is your favourite.

```
> db.songdetails.insert({SongName:"Nethane Nethane",Film:"Mersal",MusicDirector
:"A.R.Rahuman",Singer:"A.r.Rahuman"})
WriteResult({ "nInserted" : 1 })
```

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

```
> db.songdetails.find({$and:[{"Film" : "Minsara Kanavu"},{"Singer" : "Ha
riharan"}]})
```

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

```
> db.songdetails.find({},{Singer:1,_id:0}).pretty()
{ "Singer" : "Shankar mahadevan" }
{ "Singer" : "Swamalatha" }
{ "Singer" : "Unnikirishnan Anuradha Sriram" }
{ "Singer" : "Hariharan,Sadhana Sargam" }
{ "Singer" : "A.R.Rahuman" }
{ "Singer" : "A.r.Rahuman" }
{ "Singer" : "A.r.Rahuman" }
```