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 }
```

3. Create the above 5 song documents.

```
> db.songdetails.insert([{"Song Name":"Thaniye Thananthaniye","Film":"Rhythm","Music Director":"A.R.Rahman","Singer":"Shankar mahadevan"},{"Song
 Name":"Evano Oruvan","Film":"Alai Payuthey","Music Director":"A.R.Rahman","Singer":"Swarnalatha"},{"Song Name":"Roja Poonthottam","Film":"Kannu
kkul Nilavu","Music Director":"Ilaiyaraaja","Singer":"Unnikrishnan,Anuradha Sriram"},{"Song Name":"Vennilavae Vennilavae Vinnaithaandi","Film":"
Minsara Kanavu","Music Director":"A.R.Rahman","Singer":"Hariharan, Sadhana Sargam"},{"Song Name":"Sollamal Thottu Chellum Thendral","Film":"Dhee
na","Music Director":"Yuvan Shankar Raja","Singer":"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("5d107c802458998dec234556"),
        "Song Name" : "Thaniye Thananthaniye",
        "Film" : "Rhythm",
        "Music Director" : "A.R.Rahman",
        "Singer" : "Shankar mahadevan"
}
{
        "_id" : ObjectId("5d107c802458998dec234557"),
        "Song Name" : "Evano Oruvan",
        "Film" : "Alai Payuthey",
        "Music Director" : "A.R.Rahman",
        "Singer" : "Swarnalatha"
}
{
        "_id" : ObjectId("5d107c802458998dec234558"),
        "Song Name" : "Roja Poonthottam",
        "Film" : "Kannukkul Nilavu",
        "Music Director" : "Ilaiyaraaja",
        "Singer" : "Unnikrishnan,Anuradha Sriram"
}
{
        "_id" : ObjectId("5d107c802458998dec234559"),
        "Song Name" : "Vennilavae Vennilavae Vinnaithaandi",
        "Film" : "Minsara Kanavu",
        "Music Director" : "A.R.Rahman",
        "Singer" : "Hariharan, Sadhana Sargam"
}
{
        "_id" : ObjectId("5d107c802458998dec23455a"),
        "Song Name" : "Sollamal Thottu Chellum Thendral",
        "Film" : "Dheena",
        "Music Director" : "Yuvan Shankar Raja",
        "Singer" : "Hariharan"
}
```

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

```
> db.songdetails.find({"Music Director":"A.R.Rahman"}).pretty()
{
        "_id" : ObjectId("5d107c802458998dec234556"),
        "Song Name" : "Thaniye Thananthaniye",
        "Film" : "Rhythm",
        "Music Director" : "A.R.Rahman",
        "Singer" : "Shankar mahadevan"
}
{
        "_id" : ObjectId("5d107c802458998dec234557"),
        "Song Name" : "Evano Oruvan",
        "Film" : "Alai Payuthey",
        "Music Director" : "A.R.Rahman",
        "Singer" : "Swarnalatha"
}
{

        "_id" : ObjectId("5d107c802458998dec234559"),
        "Song Name" : "Vennilavae Vennilavae Vinnaithaandi",
        "Film" : "Minsara Kanavu",
        "Music Director" : "A.R.Rahman",
        "Singer" : "Hariharan, Sadhana Sargam"
}
> db songdetails find([$and[["Music Director":"A R Rahman"] [Singer:"
```

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

```
> db.songdetails.find( { $and: [ { "Music Director": "A.R.Rahman"  }, { Singer:
"Unnikrishnan" } ] } )
```

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

```
> db.songdetails.remove( { "Song Name": "Evano Oruvan" } )
WriteResult({ "nRemoved" : 1 })
>
```

8.	Add new song which is your favourite.

```
> db.songdetails.insert({"Song Name":"Nooru Samikal irunthalum","Film":"Pichchaikaran","Music Director":"Vijay Antony","Singer":"Vijay Antony, S
ujay sk"})
WriteResult({ "nInserted" : 1 })
```

```
> db.songdetails.find().pretty()
{
        "_id" : ObjectId("5d107c802458998dec234556"),
        "Song Name" : "Thaniye Thananthaniye",
        "Film" : "Rhythm",
        "Music Director" : "A.R.Rahman",
        "Singer" : "Shankar mahadevan"
}
{
        "_id" : ObjectId("5d107c802458998dec234558"),
        "Song Name" : "Roja Poonthottam",
        "Film" : "Kannukkul Nilavu",
        "Music Director" : "Ilaiyaraaja",
        "Singer" : "Unnikrishnan,Anuradha Sriram"
}
{
        "_id" : ObjectId("5d107c802458998dec234559"),
        "Song Name" : "Vennilavae Vennilavae Vinnaithaandi",
        "Film" : "Minsara Kanavu",
        "Music Director" : "A.R.Rahman",
        "Singer" : "Hariharan, Sadhana Sargam"
}
{
        "_id" : ObjectId("5d107c802458998dec23455a"),
        "Song Name" : "Sollamal Thottu Chellum Thendral",
        "Film" : "Dheena",
        "Music Director" : "Yuvan Shankar Raja",
        "Singer" : "Hariharan"
}
{
        "_id" : ObjectId("5d11abe0cc68608e1094fd89"),
        "Song Name" : "Nooru Samikal irunthalum",
        "Film" : "Pichchaikaran",
        "Music Director" : "Vijay Antony",
        "Singer" : "Vijay Antony, Sujay sk"
}
>
```

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

```
> db.sondetails.find({$and:[{"film":"Minsara Kanavu"},{"Singer":"Hariharan"}]},{
"_id":0,"Flim":0,"Music Director":0,"Singer":0}).pretty()
```

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

```
> db.songdetails.find({},{"Singer":1,_id:0}).limit(3)
{ "Singer" : "Shankar mahadevan" }
{ "Singer" : "Unnikrishnan,Anuradha Sriram" }
{ "Singer" : "Hariharan, Sadhana Sargam" }
>
```