1) Create a Database called music.

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

2) Create a collection called songdetails.

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

3) Create the above 5 song documents.

```
> db.songdetails.insert({"songs name":"Thaniye thananthaniye","film":"rytham","Music Director":"A.R Rahuman","Singer":"Shankar Mahadevan"})
WriteResult({ "nInserted" : 1 })
> db.songdetails.find()
{ "_id" : ObjectId("5c344ade565083e4970f2d49"), "songs name" : "Thaniye thananthaniye", "film" : "rytham", "Music Director" : "A.R Rahuman", "Singer" : "Shankar Mahadevan" }
> db.songdetails.insert({"songs name":"Evano Oruvan","film":"Alai Payuthey","Music Director":"A.R Rahuman","Singer":"swamalatha"})
WriteResult({ "nInserted" : 1 })
> db.songdetails.insert({"songs name":"Roja Ponthodam","film":"kannukkul Nillavu","Music Director":"Illayaraaja","Singer":"unnikrishnan,Anuradh
a Sriram"})
WriteResult({ "nInserted" : 1 })
> db.songdetails.insert({"songs name":"vennilavae vennilavae vinnaithandi","film":"Minsara Kanav","Music Director":"A.R Rahuman","Singer":"Hari
haran,Sadhana Sargam"})
WriteResult({ "nInserted" : 1 })
> db.songdetails.insert({"songs name":"Sollamal Thotu Chellum Thendral","film":"Dheena","Music Director":"Yuvan Shankar Raja","Singer":"Harihar
an"})
WriteResult({ "nInserted" : 1 })
```

4) List all documents created.

```
> db.songdetails.find()
{ "_id" : ObjectId("5c344ade565083e4970f2d49"), "songs name" : "Thaniye thananthaniye", "film" : "rytham", "Music Director" : "A.R Rahuman", "Singer" : "Shankar Mahadevan" }
{ "_id" : ObjectId("5c344bd1565083e4970f2d4a"), "songs name" : "Evano Oruvan", "film" : "Alai Payuthey", "Music Director" : "A.R Rahuman", "Singer" : "swamalatha" }
{ "_id" : ObjectId("5c344cfa565083e4970f2d4b"), "songs name" : "Roja Ponthodam", "film" : "kannukkul Nillavu", "Music Director" : "Illayaraaja", "Singer" : "unnikrishnan,Anuradha Sriram" }
{ "_id" : ObjectId("5c344e1c565083e4970f2d4c"), "songs name" : "vennilavae vennilavae vinnaithandi", "film" : "Minsara Kanav", "Music Director" : "A.R Rahuman", "Singer" : "Hariharan,Sadhana Sargam" }
{ "_id" : ObjectId("5c344ed1565083e4970f2d4d"), "songs name" : "Sollamal Thotu 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 Rahuman"},{}).pretty()
{
        "_id" : ObjectId("5c344ade565083e4970f2d49"),
        "songs name" : "Thaniye thananthaniye",
        "film" : "rytham",
        "Music Director" : "A.R Rahuman",
        "Singer" : "Shankar Mahadevan"
}
{
        "_id" : ObjectId("5c344bd1565083e4970f2d4a"),
        "songs name" : "Evano Oruvan",
        "film" : "Alai Payuthey",
        "Music Director" : "A.R Rahuman",
        "Singer" : "swamalatha"
}
{
        "_id" : ObjectId("5c344e1c565083e4970f2d4c"),
        "songs name" : "vennilavae vennilavae vinnaithandi",
        "film" : "Minsara Kanav",
        "Music Director" : "A.R Rahuman",
        "Singer" : "Hariharan,Sadhana Sargam"
```

6) List Illaiyaraja's songs sung by Unnikrishnan.

```
> db.songdetails.find({"Singer":"unnikrishnan","Music Director" : "Ilaiyaraja"},{"Song Name":1})
{ "_id" : ObjectId("5c38426b1f81abce88618acd"), "Song Name" : "Roja poonthooddam" }
>
```

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

```
> db.songdetails.remove({"songs name" : "Sollamal Thotu Chellum Thendral"})
WriteResult({ "nRemoved" : 1 })
```

8) Add new song which is your favourite.

```
> db.songdetails.insert({"songs name" : "Nenje Elu","film" : "mariyan", "Music Director" : "A.R Rahuman", "Singer" : "A.R Rahuman"})
WriteResult({ "nInserted" : 1 })
> db.songdetails.find().pretty()
```

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

```
> db.songdetails.find({"Singer":"Hariharan","film" : "Minsara Kanav"},{"songs name":1})
{ "_id" : ObjectId("5c3849790e74c55fc7c853ab"), "songs name" : "vennilavae vennilavae vinnaithandi" }
>
```

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

```
> db.songdetails.find({},{"Singer":1})
{ "_id" : ObjectId("5c344ade565083e4970f2d49"), "Singer" : "Shankar Mahadevan" }
{ "_id" : ObjectId("5c344bd1565083e4970f2d4a"), "Singer" : "swamalatha" }
{ "_id" : ObjectId("5c38475e0e74c55fc7c853a9"), "Singer" : [ "unnikrishnan", "Anuradha Sriram" ] }
{ "_id" : ObjectId("5c3848160e74c55fc7c853aa"), "Singer" : "A.R Rahuman" }
{ "_id" : ObjectId("5c3849790e74c55fc7c853ab"), "Singer" : [ "Hariharan", "Sadhana Sargam" ] }
>
```