1) Create a Database called music.

```
> use songs
switched to db songs
> db.createCollection("songdetails")
{ "ok" : 1 }
```

2) Create a collection called songdetails.

```
> show collections
songdetails
```

3) Create the above 5 song documents.

```
> db.songdetails.insert([{'song Name':'Thaniye Thannanthaniye','Film':'Rhytham','Music Director':'A.R.Rahman','Singer':'Shankar Mahadevan'},{'song Nam
e':'Evano Oruvan','Film':'Alai Payuthe','Music Director':'A.R.Rahman','Singer':'Swarnalatha'},{'song Name':'Roja Poonthottam','Film':'Kannukkul Nilavu
','Music Director':'llayaraaja','Singer':'Unnikrishnan,Anuradha Sriram'},{'song':'Vennilavae Vennilavae Vinnaithaandi','Film':'Minsara Kanavu','Music
Director':'A.R.Rahman','Singer':'Hariharan,Sadhana Sargam'},{'song Name':'Sollamal Thottu Chellum Thendral','Film':'Dheena','Music Director':'Yuvan Sh
ankarRaja','Singer':'Hariharan'}])
```

4) List all documents created.

```
> db.songdetails.find().pretty()
{
        "_id" : ObjectId("5b3daa94e598b2429fb44d7b"),
        "song Name" : "Thaniye Thannanthaniye",
        "Film" : "Rhytham",
        "Music Director" : "A.R.Rahman",
        "Singer" : "Shankar Mahadevan"
}
{
        "_id" : ObjectId("5b3daa94e598b2429fb44d7c"),
        "song Name" : "Evano Oruvan",
        "Film" : "Alai Payuthe",
        "Music Director" : "A.R.Rahman",
        "Singer" : "Swarnalatha"
}
{
        "_id" : ObjectId("5b3daa94e598b2429fb44d7d"),
        "song Name" : "Roja Poonthottam",
        "Film" : "Kannukkul Nilavu",
        "Music Director" : "llayaraaja",
        "Singer" : "Unnikrishnan,Anuradha Sriram"
}
{
        "_id" : ObjectId("5b3daa94e598b2429fb44d7e"),
        "song" : "Vennilavae Vennilavae Vinnaithaandi",
        "Film" : "Minsara Kanavu",
        "Music Director" : "A.R.Rahman",
        "Singer" : "Hariharan,Sadhana Sargam"
}
{
        "_id" : ObjectId("5b3daa94e598b2429fb44d7f"),
        "song Name" : "Sollamal Thottu Chellum Thendral",
        "Film" : "Dheena",
        "Music Director" : "Yuvan ShankarRaja",
        "Singer" : "Hariharan"
}
```

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

```
> db.songdetails.find({'Music Director':'A.R.Rahman'}).prett
{
        "_id" : ObjectId("5b3daa94e598b2429fb44d7b"),
        "song Name" : "Thaniye Thannanthaniye",
        "Film" : "Rhytham",
        "Music Director" : "A.R.Rahman",
        "Singer" : "Shankar Mahadevan"
}
{
        "_id" : ObjectId("5b3daa94e598b2429fb44d7c"),
        "song Name" : "Evano Oruvan",
        "Film" : "Alai Payuthe",
        "Music Director" : "A.R.Rahman",
        "Singer" : "Swarnalatha"
}
{
        "_id" : ObjectId("5b3daa94e598b2429fb44d7e"),
        "song" : "Vennilavae Vennilavae Vinnaithaandi",
        "Film" : "Minsara Kanavu",
        "Music Director" : "A.R.Rahman",
        "Singer" : "Hariharan,Sadhana Sargam"
}
> ▮
```

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

```
> db.songdetails.find({'Music Director':'A.R.Rahman','Singer':'unnikrishnan'}).pretty()
> ▮
```

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

```
}
> db.songdetails.remove({"song Name" : "Evano Oruvan"})
WriteResult({ "nRemoved" : 1 })
> db.songdetails.find().pretty()
{
        "_id" : ObjectId("5b3daa94e598b2429fb44d7b"),
        "song Name" : "Thaniye Thannanthaniye",
        "Film" : "Rhytham",
        "Music Director" : "A.R.Rahman",
        "Singer" : "Shankar Mahadevan"
}
{
        "_id" : ObjectId("5b3daa94e598b2429fb44d7e"),
        "song" : "Vennilavae Vennilavae Vinnaithaandi",
        "Film" : "Minsara Kanavu",
        "Music Director" : "A.R.Rahman",
        "Singer" : "Hariharan,Sadhana Sargam"
}
{
        "_id" : ObjectId("5b3daa94e598b2429fb44d7f"),
        "song Name" : "Sollamal Thottu Chellum Thendral",
        "Film" : "Dheena",
        "Music Director" : "Yuvan ShankarRaja",
        "Singer" : "Hariharan"
}
> ▮
```

8) Add new song which is your favourite.

```
> db.songdetails.insert({"song Name" : "Evano Oruvan"})
WriteResult({ "nInserted" : 1 })
> db.songdetails.find().pretty()
{
        "_id" : ObjectId("5b3daa94e598b2429fb44d7b"),
        "song Name" : "Thaniye Thannanthaniye",
        "Film" : "Rhytham",
        "Music Director" : "A.R.Rahman",
        "Singer" : "Shankar Mahadevan"
}
{
        "_id" : ObjectId("5b3daa94e598b2429fb44d7e"),
        "song" : "Vennilavae Vennilavae Vinnaithaandi",
        "Film" : "Minsara Kanavu",
        "Music Director" : "A.R.Rahman",
        "Singer" : "Hariharan,Sadhana Sargam"
}
{
        "_id" : ObjectId("5b3daa94e598b2429fb44d7f"),
        "song Name" : "Sollamal Thottu Chellum Thendral",
        "Film" : "Dheena",
        "Music Director" : "Yuvan ShankarRaja",
        "Singer" : "Hariharan"
}
{
        "_id" : ObjectId("5b3db3a5e598b2429fb44d80"),
        "song Name" : "Evano Oruvan"
}
>
```

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

```
> db.songdetails.find({'Film':'Minsara Kanavu','Singer':'Hariharan,Sadhana Sargam'}).pretty()
{
        "_id" : ObjectId("5b3daa94e598b2429fb44d7e"),
        "song" : "Vennilavae Vennilavae 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}).sort({'Singer':1})
{  }
{ "Singer" : "Hariharan" }
{ "Singer" : "Hariharan,Sadhana Sargam" }
{ "Singer" : "Shankar Mahadevan" }
>
```