Song Name	Film	Music Director	Singer
Thaniye Thananthaniye	Rhythm	A.R.Rahman	Shankar mahadevan
Evano Oruvan	Alai Payuthey	A.R.Rahman	Swarnalatha
Roja Poonthottam	Kannukkul Nilavu	Ilaiyaraaja	Unnikrishnan, Anuradha Sriram
Vennilavae Vennilavae Vinnaithaandi	Minsara Kanavu	A.R.Rahman	Hariharan Sadhana Sargam
Sollamal Thottu Chellum Thendral	Dheena	Yuvan Shankar Raja	Hariharan

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1) Create a Database called music.

```
Command Prompt - mongo

Microsoft Windows [Version 10.0.10240]
(c) 2015 Microsoft Corporation. All rights reserved.

C:\Users\subaskaran>mongo
MongoDB shell version v4.2.2
connecting to: mongodb://127.0.0.1:27017/?compressors=disabled&gssapiServiceName=mongodb
Implicit session: session { "id" : UUID("a9330bec-a596-4654-95a1-e645dac5a8f1") }
MongoDB server version: 4.2.2
Server has startup warnings:
2020-01-20T07:11:48.127+0530 I  CONTROL  [initandlisten]
2020-01-20T07:11:48.127+0530 I  CONTROL  [initandlisten] ** WARNING: Access control is not enabled for the database.
2020-01-20T07:11:48.128+0530 I  CONTROL  [initandlisten] **          Read and write access to data and configuration is unrestricted.
2020-01-20T07:11:48.128+0530 I  CONTROL  [initandlisten]
---
Enable MongoDB's free cloud-based monitoring service, which will then receive and display
metrics about your deployment (disk utilization, CPU, operation statistics, etc).

The monitoring data will be available on a MongoDB website with a unique URL accessible to you
and anyone you share the URL with. MongoDB may use this information to make product
improvements and to suggest MongoDB products and deployment options to you.

To enable free monitoring, run the following command: db.enableFreeMonitoring()
To permanently disable this reminder, run the following command: db.disableFreeMonitoring()
---

> show dbs
admin    0.000GB
config   0.000GB
local    0.000GB
mylip    0.000GB
student  0.000GB
> use music
switched to db music
>
```

2) Create a collection called songdetails.

```
Command Prompt - mongo                                                    —  □  ×
> db.createCollection("songdetails")
{ "ok" : 1 }
>
```

3) Create the above 5 song documents.


```
Command Prompt - mongo                                                    —  □  ×
> db.songdetails.insert([{Song_Name:"Thaniye Thananthaniye",Film:"Rhythm",Music_Director:"A.R.Rahman",Singer:"Shankar mahadevan"},{Song_Name:"Evano Oruvan",F
ilm:"Alai Payuthey",Music_Director:"A.R.Rahman",Singer:"Swarnalatha"},{Song_Name:"Roja Poonthottam",Film:"Kannukkul Nilavu",Music_Director:"Ilaiyaraaja",Sing
er:["Unnikrishnan","Anuratha 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:"Dheena",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.

```
Command Prompt - mongo
> db.songdetails.find()
{ "_id" : ObjectId("5e25181d0aa0557d8084e9f9"), "Song_Name" : "Thaniye Thananthaniye", "Film" : "Rhythm", "Music_Director" : "A.R.Rahman", "Singer" : "Shanka
r mahadevan" }
{ "_id" : ObjectId("5e25181d0aa0557d8084e9fa"), "Song_Name" : "Evano Oruvan", "Film" : "Alai Payuthey", "Music_Director" : "A.R.Rahman", "Singer" : "Swarnala
tha" }
{ "_id" : ObjectId("5e25181d0aa0557d8084e9fb"), "Song_Name" : "Roja Poonthottam", "Film" : "Kannukkul Nilavu", "Music_Director" : "Ilaiyaraaja", "Singer" : [
 "Unnikrishnan", "Anuratha Sriram" ] }
{ "_id" : ObjectId("5e25181d0aa0557d8084e9fc"), "Song_Name" : "Vennilavae Vennilavae Vinnaithaandi", "Film" : "Minsara Kanavu", "Music_Director" : "A.R.Rahma
n", "Singer" : [ "Hariharan", "Sadhana Sargam" ] }
{ "_id" : ObjectId("5e25181d0aa0557d8084e9fd"), "Song_Name" : "Sollamal Thottu Chellum Thendral", "Film" : "Dheena", "Music_Director" : "Yuvan Shankar Raja",
 "Singer" : "Hariharan" }
>
```

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


```
Command Prompt - mongo
> db.songdetails.find({Music_Director:"A.R.Rahman"},{_id:0,Singer:0,Film:0})
{ "Song_Name" : "Thaniye Thananthaniye", "Music_Director" : "A.R.Rahman" }
{ "Song_Name" : "Evano Oruvan", "Music_Director" : "A.R.Rahman" }
{ "Song_Name" : "Vennilavae Vennilavae Vinnaithaandi", "Music_Director" : "A.R.Rahman" }
>
```
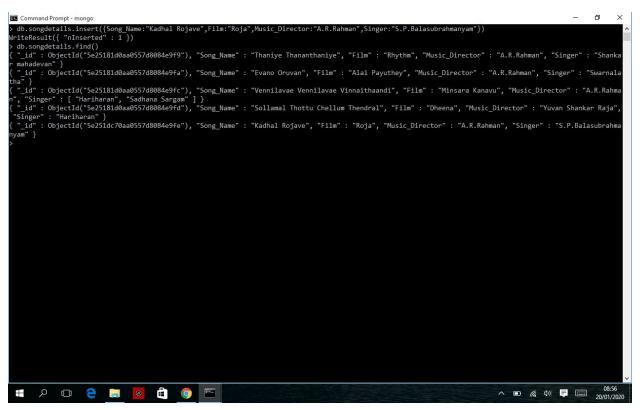
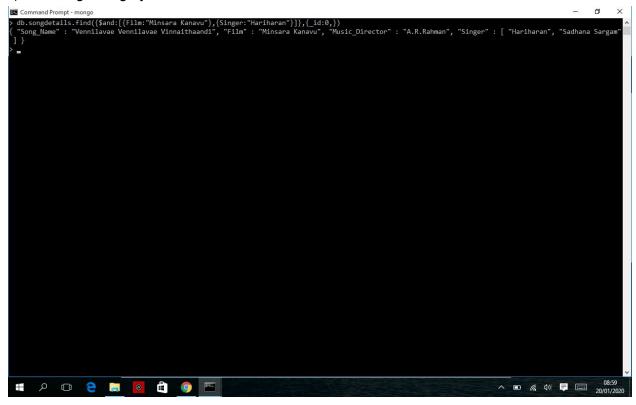6) List A.R.Rahman's songs sung by Unnikrishnan.

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

8) Add new song which is your favourite.

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

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

```
Command Prompt - mongo                                               —  □  ✕
> db.songdetails.find({},{Singer:1,_id:0})
{ "Singer" : "Shankar mahadevan" }
{ "Singer" : "Swarnalatha" }
{ "Singer" : [ "Hariharan", "Sadhana Sargam" ] }
{ "Singer" : "Hariharan" }
{ "Singer" : "S.P.Balasubrahmanyam" }
>
```