MongoDB Exercise 2

1) Create a Database music.

```
> use music
switched to db music
> show collections
> show dbs
admin   (empty)
local   0.078GB
music   (empty)
person  0.078GB
> db
music
>
```

2) Create a collection called songdetails.

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

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 : "Kannukkul 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 :"Dheena",
... Music_Director : "Yuvan Shankar Raja",
... Singer : "Hariharan"
... }
... ])
```

4) List all documents created.

```
> db.songdetails.find()
{ "_id" : ObjectId("5a3b868fd56d14c38e83cede"), "Song_Name" : "Thaniye Thananthaniye", "Film" : "Rhythm", "Music_Director" : "A.R.Rahman", "Singer" :
"Shankar Mahadevan" }
{ "_id" : ObjectId("5a3b868fd56d14c38e83cedf"), "Song_Name" : "Evano Oruvan", "Film" : "Alai Payuthey", "Music_Director" : "A.R.Rahman", "Singer" : "S
warnalatha" }
{ "_id" : ObjectId("5a3b868fd56d14c38e83cee0"), "Song_Name" : "Roja Poonthottam", "Film" : "Kannukkul Nilavu", "Music_Director" : "Ilaiyaraaja", "Sing
er" : "Unnikrishnan,Anuradha Sriram" }
{ "_id" : ObjectId("5a3b868fd56d14c38e83cee1"), "Song_Name" : "Vennilavae Vennilavae Vinnaithaandi", "Film" : "Minsara Kanavu", "Music_Director" : "A.
R.Rahman", "Singer" : "Hariharan, Sadhana Sargam" }
{ "_id" : ObjectId("5a3b868fd56d14c38e83cee2"), "Song_Name" : "Sollamal Thottu Chellum Thendral", "Film" : "Dheena", "Music_Director" : "Yuvan Shankar
 Raja", "Singer" : "Hariharan" }
>
```

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

```
2017-12-21T15:53:36.013+0530 SyntaxError: Unexpected token {
> db.songdetails.find({"Music_Director" : "A.R.Rahman"},{"Song_Name":1,_id:0})
{ "Song_Name" : "Thaniye Thananthaniye" }
{ "Song_Name" : "Evano Oruvan" }
{ "Song_Name" : "Vennilavae Vennilavae Vinnaithaandi" }
>
```

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

```
> db.songdetails.find({"Music_Director" : "A.R.Rahman","Singer" : "Unnikrishnan"},{"Song_Name":1,_id:0})
>
```

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

```
> db.songdetails.remove({"Song_Name" : "Vennilavae Vennilavae Vinnaithaandi"})
WriteResult({ "nRemoved" : 1 })
>
```

8) Add new song which is your favourite.

```
> db.songdetails.insert([
... {
... Song_Name : "Vandhaai Ayya",
... Film :"Baahubali",
... Music_Director : "M. M.Keeravani",
... Singer : "Kaala Bhairava"
... }])
```

9) List Songs sung by Hariharan from Minsara kanavu film.
   I'm allrady delete

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

```
>
> db.songdetails.find({},{"Singer":1,_id:0})
{ "Singer" : "Shankar Mahadevan" }
{ "Singer" : "Swarnalatha" }
{ "Singer" : "Unnikrishnan,Anuradha Sriram" }
{ "Singer" : "Hariharan" }
{ "Singer" : "Kaala Bhairava" }
>
```