

1) Create a Database called music.

```
ukistu02@ukipc02: ~  
ukistu02@ukipc02:~$ sudo mongo  
[sudo] password for ukistu02:  
MongoDB shell version: 2.6.10  
connecting to: test  
> show dbs  
admin (empty)  
local 0.078GB  
music 0.078GB  
uki5 0.078GB  
> use music  
switched to db music  
>
```

2) Create a collection called songdetails.

```
ukistu02@ukipc02: ~  
> use music  
switched to db music  
> db.createCollection("songdetails")  
2019-06-24T14:02:49.180+0530 SyntaxError: Unexpected token ILLEGAL  
> db.createCollection("songdetails")  
{ "ok" : 1 }  
>
```

3) Create the above 5 song documents.

4) List all documents created.

```
> use music  
switched to db music  
> db.songdetails.insert({SongName:"Evano Oruvan",Flim:"Alai Payuthey",MusicDirector:"A.R.Rahman",Singer:"Swarnalatha"})  
WriteResult({ "nInserted" : 1 })  
> db.songdetails.insert({SongName:"Roja poonthottam",Flim:"Kannukkul Nilavu",MusicDirector:"Illaiyarah",Singer:"Unni Krishnan,"Anu"})  
2019-06-24T14:11:45.276+0530 SyntaxError: Unexpected identifier  
> db.songdetails.insert({SongName:"Roja poonthottam",Flim:"Kannukkul Nilavu",MusicDirector:"Illaiyarah",Singer:"Unni Krishnan,Anuradha Sriram  
"})  
WriteResult({ "nInserted" : 1 })  
> db.songdetails.insert({SongName:"Vennilavae",Flim:"",MusicDirector:"",Singer:""})  
2019-06-24T14:14:04.049+0530 SyntaxError: Unexpected token ILLEGAL  
> Vennilavae  
2019-06-24T14:14:04.051+0530 ReferenceError: Vennilavae is not defined  
> db.songdetails.insert({SongName:"Vennilavae",Flim:"",MusicDirector:"",Singer:""})  
WriteResult({ "nInserted" : 1 })  
> Vennilavae  
2019-06-24T14:15:19.860+0530 ReferenceError: Vennilavae is not defined  
> db.songdetails.insert({SongName:"Vennilavae Vinnalithaandi",Flim:"Minsara Kanavu",MusicDirector:"A.R.Rahman",Singer:"Hartharan,Sadh  
ana Sargam"})  
WriteResult({ "nInserted" : 1 })  
> db.songdetails.insert({SongName:"Sollaamal Thoddu Chellum Thendral",Flim:"Dheena",MusicDirector:"Yuvan Shankar Raja",Singer:"Hartharan"})  
WriteResult({ "nInserted" : 1 })  
> db.songdetails.find().pretty()  
{  
  "id" : ObjectId("5d108b9fbcc60adb44d1ab0"),  
  "SongName" : "Thaniye Thananthaniye",  
  "Flim" : "Rhythm",  
  "MusicDirector" : "A.R.Rahman",  
  "Singer" : "Shankar Mahadevan"  
}  
{  
  "id" : ObjectId("5d108c75319a6a29a2e3591c"),  
  "SongName" : "Evano Oruvan",  
  "Flim" : "Alai Payuthey",  
  "MusicDirector" : "A.R.Rahman",  
  "Singer" : "Swarnalatha"
```

```

    "Singer" : "Swarnalatha"
  },
  {
    "_id" : ObjectId("5d108cf5319a6a29a2e3591d"),
    "SongName" : "Roja poonthottam",
    "Flim" : "Kannukkul Nilavu",
    "MusicDirector" : "Ilaiyaraajah",
    "Singer" : "Unni Krishnan,Anuradha Sriram"
  },
  {
    "_id" : ObjectId("5d108d9f319a6a29a2e3591e"),
    "SongName" : "Vennilavae",
    "Flim" : "",
    "MusicDirector" : "",
    "Singer" : ""
  },
  {
    "_id" : ObjectId("5d108e1f319a6a29a2e3591f"),
    "SongName" : "Vennilavae Vennilavae Vinnaithaandi",
    "Flim" : "Minsara Kanavu",
    "MusicDirector" : "A.R.Rahman",
    "Singer" : "Hariharan,Sadhana Sargam"
  },
  {
    "_id" : ObjectId("5d108ed5319a6a29a2e35920"),
    "SongName" : "Sollaamal Thoddu Chellum Thendral",
    "Flim" : "Dheena",
    "MusicDirector" : "Yuvan Shankar Raja",
  }
}

```

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

```

2019-06-24T14:25:13.582+0530 SyntaxError: Unexpected token }
> db.songdetails.find({MusicDirector:"A.R.Rahman"})
{ "_id" : ObjectId("5d108b9fbcc60adb44d1ab0"), "SongName" : "Thaniye Thananthaniye", "Flim" : "Rhythn", "MusicDirector" : "A.R.Rahman", "Singer" : "Shankar Mahadevan" }
{ "_id" : ObjectId("5d108c75319a6a29a2e3591c"), "SongName" : "Evano Oruvan", "Flim" : "Alai Payuthey", "MusicDirector" : "A.R.Rahman", "Singer" : "Swarnalatha" }
{ "_id" : ObjectId("5d108e1f319a6a29a2e3591f"), "SongName" : "Vennilavae Vennilavae Vinnaithaandi", "Flim" : "Minsara Kanavu", "MusicDirector" : "A.R.Rahman", "Singer" : "Hariharan,Sadhana Sargam" }
>

```

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

```

2019-06-24T14:32:35.856+0530 SyntaxError: Unexpected token :
> db.songdetails.find({$and:[{MusicDirector:"A.R.Rahman"},{Singer:"Unni Krishnan"}]})
>

```

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

```

2019-06-24T14:32:35.856+0530 SyntaxError: Unexpected token :
> db.songdetails.find({$and:[{MusicDirector:"A.R.Rahman"},{Singer:"Unni Krishnan"}]})
> db.songdetails.remove({'SongName':"Evano Oruvan"})
WriteResult({ "nRemoved" : 1 })
>

```

8) Add new song which is your favourite.

```

> db.songdetails.insert({'SongName':"Kannaana Kanney",Flim:"Vishwasam",MusicDirector:"Anirudh",Singer:"Hariharan"})
WriteResult({ "nInserted" : 1 })
>

```

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

```

> db.songdetails.find({$and:[{Flim:"Minsara Kanavu"},{Singer:"Hariharan,Sadhana Sargam"}]}, {_id:0,Flim:0,MusicDirector:0})
{ "SongName" : "Vennilavae Vennilavae Vinnaithaandi", "Singer" : "Hariharan,Sadhana Sargam" }
>

```

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

```

> db.songdetails.find({}, {_id:0,Flim:0,MusicDirector:0,SongName:0})
{ "Singer" : "Shankar Mahadevan" }
{ "Singer" : "Unni Krishnan,Anuradha Sriram" }
{ "Singer" : "Hariharan,Sadhana Sargam" }
{ "Singer" : "Hariharan" }
{ "Singer" : "Hariharan" }
>

```