1) Create a Database called music .

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

```
{ "singer" : "harikaran" }
> use music
switched to db music
>
```

2) Create a collection called songdetails .

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

```
switched to db song
> db.createCollection("mycollection")
{ "ok" : 1 }
> db.detail.insert({songname:"thaniyethanamthamiye",film:"rhythm",music director:"AR Rahman",singer:"sankar mahadevasn"})
```

3) Create the above 5 song documents.

```
>
db.songdetail.insert({songname:"thaniyethanamthamiye",film:"rhythm",musicd
irector:"AR Rahman",singer:"sankar mahadevasn"})
WriteResult({ "nInserted" : 1 })
> db.songdetail.insert({songname:"Evano
Oruvan",film:"alaipayuthe",musicdirector:"AR
Rahman",singer:"suvarnalatha"})
WriteResult({ "nInserted" : 1 })
> db.songdetail.insert({songname:"Roja Poonthoddam",film:"kannukkul
nilavu",musicdirector:"llaiyarajah",singer:"unnikirushnan,Anuradha Sriram"})
WriteResult({ "nInserted" : 1 })
> db.songdetail.insert({songname:"vennilve vennilave vinnai
thandi",film:"minsara kanavu",musicdirector:"AR
Rahman",singer:"Harikaran,Sadhana Sarkkam"})
WriteResult({ "nInserted" : 1 })
> db.songdetail.insert({songname:"solamal thoddum sellum
tendral",film:"Dheena",musicdirector:"yuvan sangar raja",singer:"harikaran"})
WriteResult({ "nInserted" : 1 })
```

2017-05-23T15:56:25.036+0530 E QUERY   [thread1] SyntaxError: missing : after property id @(shell):1:70
> db.songdetail.insert({songname:"thaniyethanamthamiye",film:"rhythm",musicdirector:"AR Rahman",singer:"sankar mahadevasn"})
WriteResult({ "nInserted" : 1 })
> db.songdetail.insert({songname:"Evano Oruvan",film:"alaipayuthe",musicdirector:"AR Rahman",singer:"suvarnalatha"})
WriteResult({ "nInserted" : 1 })
> db.songdetail.insert({songname:"Roja Poonthoddam",film:"kannukkul nilavu",musicdirector:"llaiyarajah",singer:"unnikirushnan,Anuradha Sriram"})
WriteResult({ "nInserted" : 1 })
> db.songdetail.insert({songname:"vennilve vennilave vinnai thandi",film:"minsara kanavu",musicdirector:"AR Rahman",singer:"Harikaran,Sadhana Sarkkam"
})
WriteResult({ "nInserted" : 1 })
> db.songdetail.insert({songname:"solamal thoddum sellum tendral",film:"Dheena",musicdirector:"yuvan sangar raja",singer:"harikaran"})
WriteResult({ "nInserted" : 1 })
> show collections

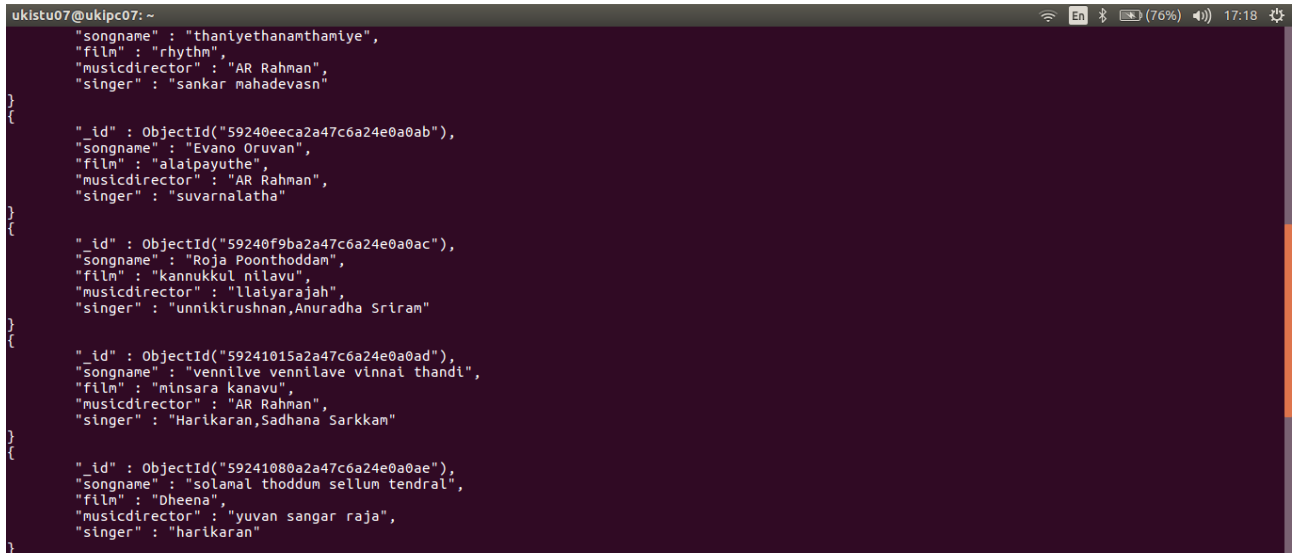4) List all documents created.

> db.songdetail.find().pretty()
{

     "_id" : ObjectId("59240e9ba2a47c6a24e0a0aa"),
     "songname" : "thaniyethanamthamiye",
     "film" : "rhythm",
     "musicdirector" : "AR Rahman",
     "singer" : "sankar mahadevasn"
}
{

     "_id" : ObjectId("59240eeca2a47c6a24e0a0ab"),
     "songname" : "Evano Oruvan",
     "film" : "alaipayuthe",
     "musicdirector" : "AR Rahman",
     "singer" : "suvarnalatha"
}
{

     "_id" : ObjectId("59240f9ba2a47c6a24e0a0ac"),
     "songname" : "Roja Poonthoddam",
     "film" : "kannukkul nilavu",
     "musicdirector" : "llaiyarajah",
     "singer" : "unnikirushnan,Anuradha Sriram"
}
{

     "_id" : ObjectId("59241015a2a47c6a24e0a0ad"),
     "songname" : "vennilve vennilave vinnai thandi",
     "film" : "minsara kanavu",
     "musicdirector" : "AR Rahman",
     "singer" : "Harikaran,Sadhana Sarkkam"
}
{

     "_id" : ObjectId("59241080a2a47c6a24e0a0ae"),
     "songname" : "solamal thoddum sellum tendral",

```
        "film" : "Dheena",
        "musicdirector" : "yuvan sangar raja",
        "singer" : "harikaran"
}
```

```
ukistu07@ukipc07: ~                                          En  (76%)  17:18
        "songname" : "thaniyethanamthamiye",
        "film" : "rhythm",
        "musicdirector" : "AR Rahman",
        "singer" : "sankar mahadevasn"
}
{
        "_id" : ObjectId("59240eeca2a47c6a24e0a0ab"),
        "songname" : "Evano Oruvan",
        "film" : "alaipayuthe",
        "musicdirector" : "AR Rahman",
        "singer" : "suvarnalatha"
}
{
        "_id" : ObjectId("59240f9ba2a47c6a24e0a0ac"),
        "songname" : "Roja Poonthoddam",
        "film" : "kannukkul nilavu",
        "musicdirector" : "llaiyarajah",
        "singer" : "unnikirushnan,Anuradha Sriram"
}
{
        "_id" : ObjectId("59241015a2a47c6a24e0a0ad"),
        "songname" : "vennilve vennilave vinnai thandi",
        "film" : "minsara kanavu",
        "musicdirector" : "AR Rahman",
        "singer" : "Harikaran,Sadhana Sarkkam"
}
{
        "_id" : ObjectId("59241080a2a47c6a24e0a0ae"),
        "songname" : "solamal thoddum sellum tendral",
        "film" : "Dheena",
        "musicdirector" : "yuvan sangar raja",
        "singer" : "harikaran"
}
```

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


```
> db.songdetails.find({songdirector:"AR Raham"},{songname:1,_id:0})
> db.songdetail.find({songdirector:"AR Rahman"},{songname:1,_id:0})
> db.songdetail.find({musicdirector:"AR Rahman"},{songname:1,_id:0})
{ "songname" : "thaniyethanamthamiye" }
{ "songname" : "Evano Oruvan" }
{ "songname" : "vennilve vennilave vinnai thandi" }
```


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

```
> db.songdetail.find({musicdirector:"AR Rahman",singer:"unnikirushnan"},
{songname:1,_id:0})
```

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

```
> db.songdetail.remove({songname:"Evano
Oruvan",film:"alaipayuthe",musicdirector:"AR
Rahman",singer:"suvarnalatha"})
WriteResult({ "nRemoved" : 1 })
> db.songdetail.find().pretty()
{
        "_id" : ObjectId("59240e9ba2a47c6a24e0a0aa"),
        "songname" : "thaniyethanamthamiye",
        "film" : "rhythm",
        "musicdirector" : "AR Rahman",
        "singer" : "sankar mahadevasn"
}
{
        "_id" : ObjectId("59240f9ba2a47c6a24e0a0ac"),
        "songname" : "Roja Poonthoddam",
        "film" : "kannukkul nilavu",
        "musicdirector" : "llaiyarajah",
        "singer" : "unnikirushnan,Anuradha Sriram"
}
{
        "_id" : ObjectId("59241015a2a47c6a24e0a0ad"),
        "songname" : "vennilve vennilave vinnai thandi",
        "film" : "minsara kanavu",
        "musicdirector" : "AR Rahman",
        "singer" : "Harikaran,Sadhana Sarkkam"
}
{
        "_id" : ObjectId("59241080a2a47c6a24e0a0ae"),
        "songname" : "solamal thoddum sellum tendral",
        "film" : "Dheena",
        "musicdirector" : "yuvan sangar raja",
        "singer" : "harikaran"
}
```

8) Add new song which is your favourite.

>
db.songdetail.insert({songname:"sakaranilave",film:"youth",musicdirector:"yuvan sangar raja",singer:"harikaran"})
WriteResult({ "nInserted" : 1 })

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

> db.songdetail.find({musicdirector:"AR Rahman",singer:"Harikaran,Sadhana Sarkkam"},{songname:1,_id:0})
{ "songname" : "vennilve vennilave vinnai thandi" }

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

> db.songdetail.find({},{singer:1,_id:0})
{ "singer" : "sankar mahadevasn" }
{ "singer" : "unnikirushnan,Anuradha Sriram" }
{ "singer" : "Harikaran,Sadhana Sarkkam" }
{ "singer" : "harikaran" }
{ "singer" : "harikaran" }