Create a Database called music.
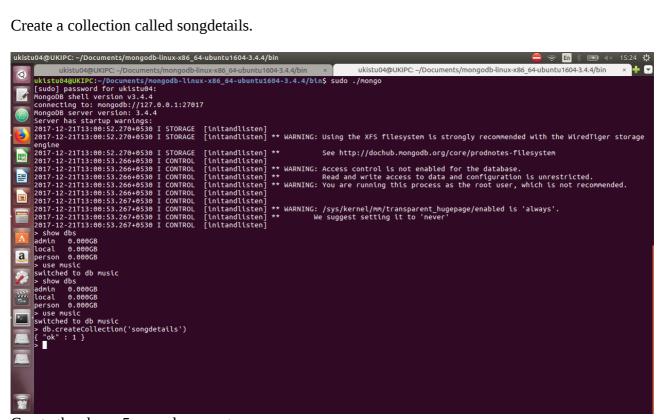

Create a collection called songdetails.

Create the above 5 song documents.

```
> use music
switched to db music
> show dbs
admin   0.000GB
local   0.000GB
person  0.000GB
> use music
switched to db music
> db.createCollection('songdetails')
{ "ok" : 1 }
> db.songdetails.insert({"song_name":"Thaniye, "film":"Rhythm", "music_director": "A.R.Rahman", "singer": "Shankar_Mahadevan"})
2017-12-21T15:29:50.283+0530 E QUERY    [thread1] SyntaxError: missing } after property list @(shell):1:46
> db.songdetails.insert({"song_name":"Thaniye", "film":"Rhythm", "music_director: "A.R.Rahman", "singer": "Shankar_Mahadevan"})
2017-12-21T15:31:18.462+0530 E QUERY    [thread1] SyntaxError: missing : after property id @(shell):1:81
> db.songdetails.insert({"song_name":"Thaniye", "film":"Rhythm", "music_director": "A.R.Rahman","singer": "Shankar_Mahadevan"})
WriteResult({ "nInserted" : 1 })
> db.songdetails.insert({"song_name":"Evano_Oruvan", "film":"Alai_pauthe", "music_director": "A.R.Rahman","singer": "Swarnalatha"})
WriteResult({ "nInserted" : 1 })
> db.songdetails.insert({"song_name":"Roja_poonthoddam", "film":"Kannukkul_nilavu", "music_director": "Ilayarajah","singer": "Unnikrishanan","Anu
radha_sriram"})
2017-12-21T15:41:24.896+0530 E QUERY    [thread1] SyntaxError: missing : after property id @(shell):1:156
> db.songdetails.insert({"song_name":"Roja_poonthoddam", "film":"Kannukkul_nilavu", "music_director": "Ilayarajah","singer": "Unnikrishanan,Anura
dha_sriram"})
WriteResult({ "nInserted" : 1 })
> db.songdetails.insert({"song_name":"Vennilave_vennilave", "film":"Minsara_kanavu", "music_director": "A.R.Rahman","singer": "Hariharan,Shadhana
_sargam"})
WriteResult({ "nInserted" : 1 })
> db.songdetails.insert({"song_name":"Sollamal_thoddu_chellum_thendral", "film":"Dheena", "music_director": "Yuvan_shankar_rajah","singer": "Hari
haran"})
WriteResult({ "nInserted" : 1 })
> db.songdetails.find()
{ "_id" : ObjectId("5a3b86a6f167523fd6fad1cc"), "song_name" : "Thaniye", "film" : "Rhythm", "music_director" : "A.R.Rahman", "singer" : "Shankar_
Mahadevan" }
{ "_id" : ObjectId("5a3b8737f167523fd6fad1cd"), "song_name" : "Evano_Oruvan", "film" : "Alai_pauthe", "music_director" : "A.R.Rahman", "singer" :
 "Swarnalatha" }
{ "_id" : ObjectId("5a3b88ecf167523fd6fad1ce"), "song_name" : "Roja_poonthoddam", "film" : "Kannukkul_nilavu", "music_director" : "Ilayarajah", "
singer" : "Unnikrishanan,Anuradha_sriram" }
{ "_id" : ObjectId("5a3b8959f167523fd6fad1cf"), "song_name" : "Vennilave_vennilave", "film" : "Minsara_kanavu", "music_director" : "A.R.Rahman",
"singer" : "Hariharan,Shadhana_sargam" }
{ "_id" : ObjectId("5a3b89b1f167523fd6fad1d0"), "song_name" : "Sollamal_thoddu_chellum_thendral", "film" : "Dheena", "music_director" : "Yuvan_sh
ankar_rajah", "singer" : "Hariharan" }
>
```

List all documents created

```
> use music
switched to db music
> show dbs
admin   0.000GB
local   0.000GB
person  0.000GB
> use music
switched to db music
> db.createCollection('songdetails')
{ "ok" : 1 }
> db.songdetails.insert({"song_name":"Thaniye, "film":"Rhythm", "music_director": "A.R.Rahman", "singer": "Shankar_Mahadevan"})
2017-12-21T15:29:50.283+0530 E QUERY    [thread1] SyntaxError: missing } after property list @(shell):1:46
> db.songdetails.insert({"song_name":"Thaniye", "film":"Rhythm", "music_director: "A.R.Rahman", "singer": "Shankar_Mahadevan"})
2017-12-21T15:31:18.462+0530 E QUERY    [thread1] SyntaxError: missing : after property id @(shell):1:81
> db.songdetails.insert({"song_name":"Thaniye", "film":"Rhythm", "music_director": "A.R.Rahman","singer": "Shankar_Mahadevan"})
WriteResult({ "nInserted" : 1 })
> db.songdetails.insert({"song_name":"Evano_Oruvan", "film":"Alai_pauthe", "music_director": "A.R.Rahman","singer": "Swarnalatha"})
WriteResult({ "nInserted" : 1 })
> db.songdetails.insert({"song_name":"Roja_poonthoddam", "film":"Kannukkul_nilavu", "music_director": "Ilayarajah","singer": "Unnikrishanan","Anu
radha_sriram"})
2017-12-21T15:41:24.896+0530 E QUERY    [thread1] SyntaxError: missing : after property id @(shell):1:156
> db.songdetails.insert({"song_name":"Roja_poonthoddam", "film":"Kannukkul_nilavu", "music_director": "Ilayarajah","singer": "Unnikrishanan,Anura
dha_sriram"})
WriteResult({ "nInserted" : 1 })
> db.songdetails.insert({"song_name":"Vennilave_vennilave", "film":"Minsara_kanavu", "music_director": "A.R.Rahman","singer": "Hariharan,Shadhana
_sargam"})
WriteResult({ "nInserted" : 1 })
> db.songdetails.insert({"song_name":"Sollamal_thoddu_chellum_thendral", "film":"Dheena", "music_director": "Yuvan_shankar_rajah","singer": "Hari
haran"})
WriteResult({ "nInserted" : 1 })
> db.songdetails.find()
{ "_id" : ObjectId("5a3b86a6f167523fd6fad1cc"), "song_name" : "Thaniye", "film" : "Rhythm", "music_director" : "A.R.Rahman", "singer" : "Shankar_
Mahadevan" }
{ "_id" : ObjectId("5a3b8737f167523fd6fad1cd"), "song_name" : "Evano_Oruvan", "film" : "Alai_pauthe", "music_director" : "A.R.Rahman", "singer" :
 "Swarnalatha" }
{ "_id" : ObjectId("5a3b88ecf167523fd6fad1ce"), "song_name" : "Roja_poonthoddam", "film" : "Kannukkul_nilavu", "music_director" : "Ilayarajah", "
singer" : "Unnikrishanan,Anuradha_sriram" }
{ "_id" : ObjectId("5a3b8959f167523fd6fad1cf"), "song_name" : "Vennilave_vennilave", "film" : "Minsara_kanavu", "music_director" : "A.R.Rahman",
"singer" : "Hariharan,Shadhana_sargam" }
{ "_id" : ObjectId("5a3b89b1f167523fd6fad1d0"), "song_name" : "Sollamal_thoddu_chellum_thendral", "film" : "Dheena", "music_director" : "Yuvan_sh
ankar_rajah", "singer" : "Hariharan" }
>
```

List A.R.Rahman's created

```
                ukistu04@UKIPC: ~/Documents/mongodb-linux-x86_64-ubuntu1604-3.4.4/bin      ×          ukistu04@UKIPC: ~/Documents/mongodb-linux-x86_64-ubuntu1604-3.4.4/bin      ×
local  0.000GB
person  0.000GB
> use music
switched to db music
> db.createCollection('songdetails')
{ "ok" : 1 }
> db.songdetails.insert({"song_name":"Thaniye, "film":"Rhythm", "music_director: "A.R.Rahman", "singer": "Shankar_Mahadevan"})
2017-12-21T15:29:50.283+0530 E QUERY    [thread1] SyntaxError: missing } after property list @(shell):1:46
> db.songdetails.insert({"song_name":"Thaniye", "film":"Rhythm", "music_director: "A.R.Rahman", "singer": "Shankar_Mahadevan"})
2017-12-21T15:31:18.462+0530 E QUERY    [thread1] SyntaxError: missing : after property id @(shell):1:81
> db.songdetails.insert({"song_name":"Thaniye", "film":"Rhythm", "music_director": "A.R.Rahman","singer": "Shankar_Mahadevan"})
WriteResult({ "nInserted" : 1 })
> db.songdetails.insert({"song_name":"Evano_Oruvan", "film":"Alai_pauthe", "music_director": "A.R.Rahman","singer": "Swarnalatha"})
WriteResult({ "nInserted" : 1 })
> db.songdetails.insert({"song_name":"Roja_poonthoddam", "film":"Kannukkul_nilavu", "music_director": "Ilayarajah","singer": "Unnikrishanan","Anu
radha_sriram"})
2017-12-21T15:41:24.896+0530 E QUERY    [thread1] SyntaxError: missing : after property id @(shell):1:156
> db.songdetails.insert({"song_name":"Roja_poonthoddam", "film":"Kannukkul_nilavu", "music_director": "Ilayarajah","singer": "Unnikrishanan,Anura
dha_sriram"})
WriteResult({ "nInserted" : 1 })
> db.songdetails.insert({"song_name":"Vennilave_vennilave", "film":"Minsara_kanavu", "music_director": "A.R.Rahman","singer": "Hariharan,Shadhana
_sargam"})
WriteResult({ "nInserted" : 1 })
> db.songdetails.insert({"song_name":"Sollamal_thoddu_chellum_thendral", "film":"Dheena", "music_director": "Yuvan_shankar_rajah","singer": "Hari
haran"})
WriteResult({ "nInserted" : 1 })
> db.songdetails.find()
{ "_id" : ObjectId("5a3b86a6f167523fd6fad1cc"), "song_name" : "Thaniye", "film" : "Rhythm", "music_director" : "A.R.Rahman", "singer" : "Shankar_
Mahadevan" }
{ "_id" : ObjectId("5a3b8737f167523fd6fad1cd"), "song_name" : "Evano_Oruvan", "film" : "Alai_pauthe", "music_director" : "A.R.Rahman", "singer" :
 "Swarnalatha" }
{ "_id" : ObjectId("5a3b88ecf167523fd6fad1ce"), "song_name" : "Roja_poonthoddam", "film" : "Kannukkul_nilavu", "music_director" : "Ilayarajah", "
singer" : "Unnikrishanan,Anuradha_sriram" }
{ "_id" : ObjectId("5a3b8959f167523fd6fad1cf"), "song_name" : "Vennilave_vennilave", "film" : "Minsara_kanavu", "music_director" : "A.R.Rahman",
"singer" : "Hariharan,Shadhana_sargam" }
{ "_id" : ObjectId("5a3b89b1f167523fd6fad1d0"), "song_name" : "Sollamal_thoddu_chellum_thendral", "film" : "Dheena", "music_director" : "Yuvan_sh
ankar_rajah", "singer" : "Hariharan" }
> db.songdetails.find({"music_director":"A.R.Rahman"}, {"song_name":1,_id:0})
{ "song_name" : "Thaniye" }
{ "song_name" : "Evano_Oruvan" }
{ "song_name" : "Vennilave_vennilave" }
>
```

List A.R.Rahman's songs sung by unnikrishnan.

```
                ukistu04@UKIPC: ~/Documents/mongodb-linux-x86_64-ubuntu1604-3.4.4/bin      ×          ukistu04@UKIPC: ~/Documents/mongodb-linux-x86_64-ubuntu1604-3.4.4/bin      ×
person  0.000GB
> use music
switched to db music
> db.createCollection('songdetails')
{ "ok" : 1 }
> db.songdetails.insert({"song_name":"Thaniye, "film":"Rhythm", "music_director: "A.R.Rahman", "singer": "Shankar_Mahadevan"})
2017-12-21T15:29:50.283+0530 E QUERY    [thread1] SyntaxError: missing } after property list @(shell):1:46
> db.songdetails.insert({"song_name":"Thaniye", "film":"Rhythm", "music_director: "A.R.Rahman", "singer": "Shankar_Mahadevan"})
2017-12-21T15:31:18.462+0530 E QUERY    [thread1] SyntaxError: missing : after property id @(shell):1:81
> db.songdetails.insert({"song_name":"Thaniye", "film":"Rhythm", "music_director": "A.R.Rahman","singer": "Shankar_Mahadevan"})
WriteResult({ "nInserted" : 1 })
> db.songdetails.insert({"song_name":"Evano_Oruvan", "film":"Alai_pauthe", "music_director": "A.R.Rahman","singer": "Swarnalatha"})
WriteResult({ "nInserted" : 1 })
> db.songdetails.insert({"song_name":"Roja_poonthoddam", "film":"Kannukkul_nilavu", "music_director": "Ilayarajah","singer": "Unnikrishanan","Anu
radha_sriram"})
2017-12-21T15:41:24.896+0530 E QUERY    [thread1] SyntaxError: missing : after property id @(shell):1:156
> db.songdetails.insert({"song_name":"Roja_poonthoddam", "film":"Kannukkul_nilavu", "music_director": "Ilayarajah","singer": "Unnikrishanan,Anura
dha_sriram"})
WriteResult({ "nInserted" : 1 })
> db.songdetails.insert({"song_name":"Vennilave_vennilave", "film":"Minsara_kanavu", "music_director": "A.R.Rahman","singer": "Hariharan,Shadhana
_sargam"})
WriteResult({ "nInserted" : 1 })
> db.songdetails.insert({"song_name":"Sollamal_thoddu_chellum_thendral", "film":"Dheena", "music_director": "Yuvan_shankar_rajah","singer": "Hari
haran"})
WriteResult({ "nInserted" : 1 })
> db.songdetails.find()
{ "_id" : ObjectId("5a3b86a6f167523fd6fad1cc"), "song_name" : "Thaniye", "film" : "Rhythm", "music_director" : "A.R.Rahman", "singer" : "Shankar_
Mahadevan" }
{ "_id" : ObjectId("5a3b8737f167523fd6fad1cd"), "song_name" : "Evano_Oruvan", "film" : "Alai_pauthe", "music_director" : "A.R.Rahman", "singer" :
 "Swarnalatha" }
{ "_id" : ObjectId("5a3b88ecf167523fd6fad1ce"), "song_name" : "Roja_poonthoddam", "film" : "Kannukkul_nilavu", "music_director" : "Ilayarajah", "
singer" : "Unnikrishanan,Anuradha_sriram" }
{ "_id" : ObjectId("5a3b8959f167523fd6fad1cf"), "song_name" : "Vennilave_vennilave", "film" : "Minsara_kanavu", "music_director" : "A.R.Rahman",
"singer" : "Hariharan,Shadhana_sargam" }
{ "_id" : ObjectId("5a3b89b1f167523fd6fad1d0"), "song_name" : "Sollamal_thoddu_chellum_thendral", "film" : "Dheena", "music_director" : "Yuvan_sh
ankar_rajah", "singer" : "Hariharan" }
> db.songdetails.find({"music_director":"A.R.Rahman"}, {"song_name":1,_id:0})
{ "song_name" : "Thaniye" }
{ "song_name" : "Evano_Oruvan" }
{ "song_name" : "Vennilave_vennilave" }
> db.songdetails.find({"music_director":"A.R.Rahman","singer":"Unnikrishnan"}, {"song_name":1,_id:0})
>
```

Deleate the song which is you don't like

```
            "film" : "Kannukkul_nilavu",
            "music_director" : "Ilayarajah",
            "singer" : "Unnikrishanan,Anuradha_sriram"
}
{
            "_id" : ObjectId("5a3b8959f167523fd6fad1cf"),
            "song_name" : "Vennilave_vennilave",
            "film" : "Minsara_kanavu",
            "music_director" : "A.R.Rahman",
            "singer" : "Hariharan,Shadhana_sargam"
}
{
            "_id" : ObjectId("5a3b89b1f167523fd6fad1d0"),
            "song_name" : "Sollamal_thoddu_chellum_thendral",
            "film" : "Dheena",
            "music_director" : "Yuvan_shankar_rajah",
            "singer" : "Hariharan"
}
> db.songdetails.update({"film":"Alai_pa"},{$unset: {"song_name":"Evano_Oruvan"})
... db.songdetails.update({"film":"Alai_pauthe"}, {"song_name":"Evano_Oruvan"})
... ^C
> db.songdetails.update({"film":"Alai_pauthe"},{$unset: {"song_name":1,_id:0}})
WriteResult({
            "nMatched" : 0,
            "nUpserted" : 0,
            "nModified" : 0,
            "writeError" : {
                    "code" : 66,
                    "errmsg" : "After applying the update to the document {_id: ObjectId('5a3b8737f167523fd6fad1cd') , ...}, the (immutable) field '_
id' was found to have been altered to _id: ObjectId('5a3b92edd59e00612c3ba8da')"
            }
})
> db.songdetails.update({"film":"Alai_pauthe"},{$unset: {"song_name":"Evano_Oruvan"}})
WriteResult({ "nMatched" : 1, "nUpserted" : 0, "nModified" : 1 })
> db.songdetails.find().pretty()
{
            "_id" : ObjectId("5a3b86a6f167523fd6fad1cc"),
            "song_name" : "Thaniye",
            "film" : "Rhythm",
            "music_director" : "A.R.Rahman",
            "singer" : "Shankar_Mahadevan"
```

Add new song which is your favourite


```
            "music_director" : "Yuvan_shankar_rajah",
            "singer" : "Hariharan"
}
> db.songdetails.update({"film":"Alai_pauthe"},{$set: {"song_name":"nee_illai"}})
WriteResult({ "nMatched" : 1, "nUpserted" : 0, "nModified" : 1 })
> db.songdetails.find().pretty()
{
            "_id" : ObjectId("5a3b86a6f167523fd6fad1cc"),
            "song_name" : "Thaniye",
            "film" : "Rhythm",
            "music_director" : "A.R.Rahman",
            "singer" : "Shankar_Mahadevan"
}
{
            "_id" : ObjectId("5a3b8737f167523fd6fad1cd"),
            "film" : "Alai_pauthe",
            "music_director" : "A.R.Rahman",
            "singer" : "Swarnalatha",
            "song_name" : "nee_illai"
}
{
            "_id" : ObjectId("5a3b88ecf167523fd6fad1ce"),
            "song_name" : "Roja_poonthoddam",
            "film" : "Kannukkul_nilavu",
            "music_director" : "Ilayarajah",
            "singer" : "Unnikrishanan,Anuradha_sriram"
}
{
            "_id" : ObjectId("5a3b8959f167523fd6fad1cf"),
            "song_name" : "Vennilave_vennilave",
            "film" : "Minsara_kanavu",
            "music_director" : "A.R.Rahman",
            "singer" : "Hariharan,Shadhana_sargam"
}
{
            "_id" : ObjectId("5a3b89b1f167523fd6fad1d0"),
            "song_name" : "Sollamal_thoddu_chellum_thendral",
            "film" : "Dheena",
            "music_director" : "Yuvan_shankar_rajah",
            "singer" : "Hariharan"
}
>
```

List Song sung by Hariharan from Misara kanavu film.

```
            "film" : "Rhythm",
            "music_director" : "A.R.Rahman",
            "singer" : "Shankar_Mahadevan"
}
{
            "_id" : ObjectId("5a3b8737f167523fd6fad1cd"),
            "film" : "Alai_pauthe",
            "music_director" : "A.R.Rahman",
            "singer" : "Swarnalatha",
            "song_name" : "nee_illai"
}
{
            "_id" : ObjectId("5a3b88ecf167523fd6fad1ce"),
            "song_name" : "Roja_poonthoddam",
            "film" : "Kannukkul_nilavu",
            "music_director" : "Ilayarajah",
            "singer" : "Unnikrishanan,Anuradha_sriram"
}
{
            "_id" : ObjectId("5a3b8959f167523fd6fad1cf"),
            "song_name" : "Vennilave_vennilave",
            "film" : "Minsara_kanavu",
            "music_director" : "A.R.Rahman",
            "singer" : "Hariharan,Shadhana_sargam"
}
{
            "_id" : ObjectId("5a3b89b1f167523fd6fad1d0"),
            "song_name" : "Sollamal_thoddu_chellum_thendral",
            "film" : "Dheena",
            "music_director" : "Yuvan_shankar_rajah",
            "singer" : "Hariharan"
}
> db.songdetails.find({"film":"Minsara_kanavu","singer":"Hariharan"},{"song_name":1,_id:0})
> db.songdetails.find({"film":"Minsara_kanavu","singer":"Hariharan,Shadhana_sargam"},{"song_name":1,_id:0})
{ "song_name" : "Vennilave_vennilave" }
> db.songdetails.find({},{"singer":1,_id:0})
{ "singer" : "Shankar_Mahadevan" }
{ "singer" : "Swarnalatha" }
{ "singer" : "Unnikrishanan,Anuradha_sriram" }
{ "singer" : "Hariharan,Shadhana_sargam" }
{ "singer" : "Hariharan" }
>
```

List out the singers' names in your document.