

Create a Database called music

```
ukistu11@ukipc11:~  
2017-12-21T12:54:37.776+0530 I CONTROL [initandlisten] ** WARNING: Access control is not enabled for the database.  
2017-12-21T12:54:37.776+0530 I CONTROL [initandlisten] ** Read and write access to data and configuration is unrestricted.  
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2017-12-21T12:54:37.776+0530 I CONTROL [initandlisten]  
> use music  
switched to db music  
> db.createCollection("songdetails")  
{ "ok" : 1 }  
> db.songdetails.insert({songname:"thaniye_thannanthaniye",flin:"rhythm",music_director:"A.R.Rahman",singer:"shankar_mahadevan"})  
WriteResult({ "nInserted" : 1 })  
> db.songdetails.insert({songname:"evano_oruvan",flin:"alai_payuthe",music_director:"A.R.Rahman",singer:"swamalatha"})  
WriteResult({ "nInserted" : 1 })  
> db.songdetails.insert({songname:"roja_poonthottam",flin:"kannukkul_nilavu",music_director:"ilayaraja",singer:"unnikrishnan,anuradha_sriran"})  
WriteResult({ "nInserted" : 1 })  
> db.songdetails.insert({songname:"vennilave_vennilave_vinnaithandi",flin:"Minsara_kanavu",music_director:"A.R.Rahman",singer:"hartharan,sadhana_sarga  
m"})  
WriteResult({ "nInserted" : 1 })  
> db.songdetails.insert({songname:"sollamal_thottu_chellum_thenral",flin:"dheena",music_director:"yuvan_shankar_raja",singer:"hartharan"})  
WriteResult({ "nInserted" : 1 })  
> db.songdetails.find()  
> db.songdetails.find()  
> db.songdetails.find()  
{ "_id" : ObjectId("5a3b8986bca06f5f92a83fbc"), "songname" : "thaniye_thannanthaniye", "flin" : "rhythm", "music_director" : "A.R.Rahman", "singer" :  
"shankar_mahadevan" }  
{ "_id" : ObjectId("5a3b8a03bca06f5f92a83fbf"), "songname" : "evano_oruvan", "flin" : "alai_payuthe", "music_director" : "A.R.Rahman", "singer" : "swa  
malatha" }  
{ "_id" : ObjectId("5a3b8adfbca06f5f92a83fc0"), "songname" : "roja_poonthottam", "flin" : "kannukkul_nilavu", "music_director" : "ilayaraja", "singer"  
: "unnikrishnan,anuradha_sriran" }  
{ "_id" : ObjectId("5a3b8bc6bca06f5f92a83fc1"), "songname" : "vennilave_vennilave_vinnaithandi", "flin" : "Minsara_kanavu", "music_director" : "A.R.Ra  
hman", "singer" : "hartharan,sadhana_sargan" }  
{ "_id" : ObjectId("5a3b8d47bca06f5f92a83fc2"), "songname" : "sollamal_thottu_chellum_thenral", "flin" : "dheena", "music_director" : "yuvan_shankar_r  
aja", "singer" : "hartharan" }  
>
```

Create a collection called songdetails

```
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WriteResult({ "nInserted" : 1 })  
> db.songdetails.insert({songname:"evano_oruvan",flin:"alai_payuthe",music_director:"A.R.Rahman",singer:"swamalatha"})  
WriteResult({ "nInserted" : 1 })  
> db.songdetails.insert({songname:"roja_poonthottam",flin:"kannukkul_nilavu",music_director:"ilayaraja",singer:"unnikrishnan,anuradha_sriran"})  
WriteResult({ "nInserted" : 1 })  
> db.songdetails.insert({songname:"vennilave_vennilave_vinnaithandi",flin:"Minsara_kanavu",music_director:"A.R.Rahman",singer:"hartharan,sadhana_sarga  
m"})  
WriteResult({ "nInserted" : 1 })  
> db.songdetails.insert({songname:"sollamal_thottu_chellum_thenral",flin:"dheena",music_director:"yuvan_shankar_raja",singer:"hartharan"})  
WriteResult({ "nInserted" : 1 })  
> db.songdetails.find()  
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{ "_id" : ObjectId("5a3b8986bca06f5f92a83fbc"), "songname" : "thaniye_thannanthaniye", "flin" : "rhythm", "music_director" : "A.R.Rahman", "singer" :  
"shankar_mahadevan" }  
{ "_id" : ObjectId("5a3b8a03bca06f5f92a83fbf"), "songname" : "evano_oruvan", "flin" : "alai_payuthe", "music_director" : "A.R.Rahman", "singer" : "swa  
malatha" }  
{ "_id" : ObjectId("5a3b8adfbca06f5f92a83fc0"), "songname" : "roja_poonthottam", "flin" : "kannukkul_nilavu", "music_director" : "ilayaraja", "singer"  
: "unnikrishnan,anuradha_sriran" }  
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hman", "singer" : "hartharan,sadhana_sargan" }  
{ "_id" : ObjectId("5a3b8d47bca06f5f92a83fc2"), "songname" : "sollamal_thottu_chellum_thenral", "flin" : "dheena", "music_director" : "yuvan_shankar_r  
aja", "singer" : "hartharan" }  
>
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create the above 5 song documents

```
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WriteResult({ "nInserted" : 1 })  
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WriteResult({ "nInserted" : 1 })  
> db.songdetails.insert({songname:"roja_poonthottam",flin:"kannukkul_nilavu",music_director:"ilayaraja",singer:"unnikrishnan,anuradha_sriran"})  
WriteResult({ "nInserted" : 1 })  
> db.songdetails.insert({songname:"vennilave_vennilave_vinnaithandi",flin:"Minsara_kanavu",music_director:"A.R.Rahman",singer:"hariharan,sadhana_sarga  
m"})  
WriteResult({ "nInserted" : 1 })  
> db.songdetails.insert({songname:"sollamal_thottu_chellum_thenral",flin:"dheena",music_director:"yuvan_shankar_raja",singer:"hariharan"})  
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{ "_id" : ObjectId("5a3b8986bca06f5f92a83fbc"), "songname" : "thaniye_thannanthaniye", "flin" : "rhythm", "music_director" : "A.R.Rahman", "singer" :  
"shankar_mahadevan" }  
{ "_id" : ObjectId("5a3b8a03bca06f5f92a83fbf"), "songname" : "evano_oruvan", "flin" : "alai_payuthe", "music_director" : "A.R.Rahman", "singer" : "swa  
malatha" }  
{ "_id" : ObjectId("5a3b8adfbca06f5f92a83fc0"), "songname" : "roja_poonthottam", "flin" : "kannukkul_nilavu", "music_director" : "ilayaraja", "singer"  
: "unnikrishnan,anuradha_sriran" }  
{ "_id" : ObjectId("5a3b8bc6bca06f5f92a83fc1"), "songname" : "vennilave_vennilave_vinnaithandi", "flin" : "Minsara_kanavu", "music_director" : "A.R.Ra  
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aja", "singer" : "hariharan" }  
>
```

list all document created

```
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"shankar_mahadevan" }  
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malatha" }  
{ "_id" : ObjectId("5a3b8adfbca06f5f92a83fc0"), "songname" : "roja_poonthottam", "flin" : "kannukkul_nilavu", "music_director" : "ilayaraja", "singer"  
: "unnikrishnan,anuradha_sriran" }  
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hman", "singer" : "hariharan,sadhana_sargan" }  
{ "_id" : ObjectId("5a3b8d47bca06f5f92a83fc2"), "songname" : "sollamal_thottu_chellum_thenral", "flin" : "dheena", "music_director" : "yuvan_shankar_r  
aja", "singer" : "hariharan" }  
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```

LIST AR RAHMAN SONG S

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{ "ok" : 1 }  
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WriteResult({ "nInserted" : 1 })  
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> db.songdetails.insert({songname:"vennilave_vennilave_vinnaithandi",flin:"Minsara_kanavu",music_director:"A.R.Rahman",singer:"hariharan,sadhana_sarga  
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WriteResult({ "nInserted" : 1 })  
> db.songdetails.insert({songname:"sollamal_thottu_chellum_thenral",flin:"dheena",music_director:"yuvan_shankar_raja",singer:"hariharan"})  
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{ "_id" : ObjectId("5a3b8a03bca06f5f92a83fbf"), "songname" : "evano_oruvan", "flin" : "alai_payuthe", "music_director" : "A.R.Rahman", "singer" : "swa  
malatha" }  
{ "_id" : ObjectId("5a3b8adfbca06f5f92a83fc0"), "songname" : "roja_poonthottam", "flin" : "kannukkul_nilavu", "music_director" : "ilayaraja", "singer"  
: "unnikrishnan,anuradha_sriran" }  
{ "_id" : ObjectId("5a3b8bc6bca06f5f92a83fc1"), "songname" : "vennilave_vennilave_vinnaithandi", "flin" : "Minsara_kanavu", "music_director" : "A.R.Ra  
hman", "singer" : "hariharan,sadhana_sargam" }  
{ "_id" : ObjectId("5a3b8d47bca06f5f92a83fc2"), "songname" : "sollamal_thottu_chellum_thenral", "flin" : "dheena", "music_director" : "yuvan_shankar_r  
aja", "singer" : "hariharan" }  
> db.songdetails.find({music_director:"A.R.Rahman"},{songname:1,_id:0})  
{ "songname" : "thaniye_thannanthaniye" }  
{ "songname" : "evano_oruvan" }  
{ "songname" : "vennilave_vennilave_vinnaithandi" }  
>
```

LIST AR RAHMAN SONG S SUNG BY UNNIKRISHNAN

```
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m"})  
WriteResult({ "nInserted" : 1 })  
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"shankar_mahadevan" }  
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: "unnikrishnan,anuradha_sriran" }  
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hman", "singer" : "hariharan,sadhana_sargam" }  
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aja", "singer" : "hariharan" }  
> db.songdetails.find({music_director:"A.R.Rahman"},{songname:1,_id:0})  
{ "songname" : "thaniye_thannanthaniye" }  
{ "songname" : "evano_oruvan" }  
{ "songname" : "vennilave_vennilave_vinnaithandi" }  
> db.songdetails.find({music_director:"A.R.Rahman",singer:"unnikrishnan"},{songname:1,_id:0})  
>
```

DELETE THE SONG WHICH YOU DON'T LIKE


```
ukistu11@ukipc11: ~
WriteResult({ "nInserted" : 1 })
> db.songsdetails.insert({songname:"roja_poonthottam",flim:"kannukkul_nilavu",music_director:"ilayaraja",singer:"unnikrishnan,anuradha_sriram"})
WriteResult({ "nInserted" : 1 })
> db.songsdetails.insert({songname:"vennilave_vennilave_vinnaithandi",flim:"Minsara_kanavu",music_director:"A.R.Rahman",singer:"hariharan,sadhana_sarga
m"})
WriteResult({ "nInserted" : 1 })
> db.songsdetails.insert({songname:"sollamal_thottu_chellum_thenral",flim:"dheena",music_director:"yuvan_shankar_raja",singer:"hariharan"})
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> db.songsdetails.find({music_director:"A.R.Rahman"},{songname:1,_id:0})
{ "songname" : "thaniye_thannanthaniye" }
{ "songname" : "evano_oruvan" }
{ "songname" : "vennilave_vennilave_vinnaithandi" }
> db.songsdetails.find({music_director:"A.R.Rahman",singer:"unnikrishnan"},{songname:1,_id:0})
> db.songsdetails.update({flim:"Minsara_kanavu"},{$set:{songname:"vennilave_vennilave_vinnaithandi"}})
2017-12-21T16:33:37.615+0530 E QUERY [thread1] SyntaxError: missing : after property id @(shell):1:53
> db.songsdetails.update({flim:"Minsara_kanavu"},{$set:{songname:"vennilave_vennilave_vinnaithandi"}})
WriteResult({ "nMatched" : 0, "nUpserted" : 0, "nModified" : 0 })
> db.songsdetails.update({flim:"Minsara_kanavu"},{$set:{songname:"vennilave_vennilave_vinnaithandi"}})
WriteResult({ "nMatched" : 0, "nUpserted" : 0, "nModified" : 0 })
> db.songsdetails.update({flim:"Minsara_kanavu"},{$set:{songname:"vennilave_vennilave_vinnaithandi"}})
WriteResult({ "nMatched" : 0, "nUpserted" : 0, "nModified" : 0 })
> db.songsdetails.update({flim:"Minsara_kanavu"},{$set:{songname:"vennilave_vennilave_vinnaithandi"}})
WriteResult({ "nMatched" : 1, "nUpserted" : 0, "nModified" : 1 })
>
```

ADD THE SONG WHICH IS YOUR FAVOURITE

```
ukistu11@ukipc11: ~
WriteResult({ "nInserted" : 1 })
> db.songsdetails.insert({songname:"vennilave_vennilave_vinnaithandi",flim:"Minsara_kanavu",music_director:"A.R.Rahman",singer:"hariharan,sadhana_sarga
m"})
WriteResult({ "nInserted" : 1 })
> db.songsdetails.insert({songname:"sollamal_thottu_chellum_thenral",flim:"dheena",music_director:"yuvan_shankar_raja",singer:"hariharan"})
WriteResult({ "nInserted" : 1 })
> db.songsdetails.find()
> db.songsdetails.find()
> db.songsdetails.find()
{ "_id" : ObjectId("5a3b8986bca06f5f92a83fbc0"), "songname" : "thaniye_thannanthaniye", "flim" : "rhythm", "music_director" : "A.R.Rahman", "singer" :
"shankar_mahadevan" }
{ "_id" : ObjectId("5a3b8a03bca06f5f92a83fbf"), "songname" : "evano_oruvan", "flim" : "alai_payuthe", "music_director" : "A.R.Rahman", "singer" : "swa
malatha" }
{ "_id" : ObjectId("5a3b8adfbca06f5f92a83fc0"), "songname" : "roja_poonthottam", "flim" : "kannukkul_nilavu", "music_director" : "ilayaraja", "singer"
: "unnikrishnan,anuradha_sriram" }
{ "_id" : ObjectId("5a3b8bc6bca06f5f92a83fc1"), "songname" : "vennilave_vennilave_vinnaithandi", "flim" : "Minsara_kanavu", "music_director" : "A.R.Ra
hman", "singer" : "hariharan,sadhana_sargan" }
{ "_id" : ObjectId("5a3b8d47bca06f5f92a83fc2"), "songname" : "sollamal_thottu_chellum_thenral", "flim" : "dheena", "music_director" : "yuvan_shankar_r
aja", "singer" : "hariharan" }
> db.songsdetails.find({music_director:"A.R.Rahman"},{songname:1,_id:0})
{ "songname" : "thaniye_thannanthaniye" }
{ "songname" : "evano_oruvan" }
{ "songname" : "vennilave_vennilave_vinnaithandi" }
> db.songsdetails.find({music_director:"A.R.Rahman",singer:"unnikrishnan"},{songname:1,_id:0})
> db.songsdetails.update({flim:"Minsara_kanavu"},{$set:{songname:"vennilave_vennilave_vinnaithandi"}})
2017-12-21T16:33:37.615+0530 E QUERY [thread1] SyntaxError: missing : after property id @(shell):1:53
> db.songsdetails.update({flim:"Minsara_kanavu"},{$set:{songname:"vennilave_vennilave_vinnaithandi"}})
WriteResult({ "nMatched" : 0, "nUpserted" : 0, "nModified" : 0 })
> db.songsdetails.update({flim:"Minsara_kanavu"},{$set:{songname:"vennilave_vennilave_vinnaithandi"}})
WriteResult({ "nMatched" : 0, "nUpserted" : 0, "nModified" : 0 })
> db.songsdetails.update({flim:"Minsara_kanavu"},{$set:{songname:"vennilave_vennilave_vinnaithandi"}})
WriteResult({ "nMatched" : 0, "nUpserted" : 0, "nModified" : 0 })
> db.songsdetails.update({flim:"Minsara_kanavu"},{$set:{songname:"vennilave_vennilave_vinnaithandi"}})
WriteResult({ "nMatched" : 1, "nUpserted" : 0, "nModified" : 1 })
> db.songsdetails.update({flim:"Minsara_kanavu"},{$set:{songname:"imaye_inaye"}})
WriteResult({ "nMatched" : 1, "nUpserted" : 0, "nModified" : 1 })
>
```

MINSARA KANAVU HARIHARAN SONG LIST

```
ukistu11@ukipc11: ~  
ukistu11@ukipc11: ~  
ukistu11@ukipc11: ~  
m"))  
WriteResult({ "nInserted" : 1 })  
> db.songsdetails.insert({songname:"sollamal_thottu_chellum_thenral",flim:"dheena",music_director:"yuvan_shankar_raja",singer:"hariharan"})  
WriteResult({ "nInserted" : 1 })  
> db.songsdetails.find()  
> db.songsdetails.find()  
> db.songsdetails.find()  
> db.songsdetails.find()  
> { "id" : ObjectId("5a3b8986bca06f5f92a83fbc"), "songname" : "thaniye_thannanthaniye", "flim" : "rhythm", "music_director" : "A.R.Rahman", "singer" :  
shankar_mahadevan }  
> { "id" : ObjectId("5a3b8a03bca06f5f92a83fbf"), "songname" : "evano_oruvan", "flim" : "alai_payuthe", "music_director" : "A.R.Rahman", "singer" : "swa  
malatha" }  
> { "id" : ObjectId("5a3b8adfbca06f5f92a83fc0"), "songname" : "roja_poonthottan", "flim" : "kannukkul_nilavu", "music_director" : "ilayaraja", "singer"  
: "unnikrishnan,anuradha_sriram" }  
> { "id" : ObjectId("5a3b8bc6bca06f5f92a83fc1"), "songname" : "vennilave_vennilave_vinnaithandi", "flim" : "Minsara_kanavu", "music_director" : "A.R.Ra  
hman", "singer" : "hariharan,sadhana_sargam" }  
> { "id" : ObjectId("5a3b8d47bca06f5f92a83fc2"), "songname" : "sollamal_thottu_chellum_thenral", "flim" : "dheena", "music_director" : "yuvan_shankar_r  
aja", "singer" : "hariharan" }  
> db.songsdetails.find({music_director:"A.R.Rahman"},{songname:1,_id:0})  
> { "songname" : "thaniye_thannanthaniye" }  
> { "songname" : "evano_oruvan" }  
> { "songname" : "vennilave_vennilave_vinnaithandi" }  
> db.songsdetails.find({music_director:"A.R.Rahman",singer:"unnikrishnan"},{songname:1,_id:0})  
> db.songsdetails.update({flim:"Minsara_kanavu"},{$set:{songname:"vennilave_vennilave_vinnaithandi"}})  
2017-12-21T16:33:37.615+0530 E QUERY [thread1] SyntaxError: missing : after property id @ (shell):1:53  
> db.songsdetails.update({flim:"Minsara_kanavu"},{$set:{songname:"vennilave_vennilave_vinnaithandi"}})  
WriteResult({ "nMatched" : 0, "nUpserted" : 0, "nModified" : 0 })  
> db.songsdetails.update({flim:"Minsara_kanavu"},{$set:{songname:"vennilave_vennilave_vinnaithandi"}})  
WriteResult({ "nMatched" : 0, "nUpserted" : 0, "nModified" : 0 })  
> db.songsdetails.update({flim:"Minsara_kanavu"},{$set:{songname:"vennilave_vennilave_vinnaithandi"}})  
WriteResult({ "nMatched" : 0, "nUpserted" : 0, "nModified" : 0 })  
> db.songsdetails.update({flim:"Minsara_kanavu"},{$set:{songname:"vennilave_vennilave_vinnaithandi"}})  
WriteResult({ "nMatched" : 1, "nUpserted" : 0, "nModified" : 1 })  
> db.songsdetails.update({flim:"Minsara_kanavu"},{$set:{songname:"inaye_inaye"}})  
WriteResult({ "nMatched" : 1, "nUpserted" : 0, "nModified" : 1 })  
> db.songsdetails.find({flim:"Minsara_kanavu",singer:"hariharan,sadhana_sargam"},{songname:1,_id:0})  
> { "songname" : "inaye_inaye" }  
> |
```

LIST OUT THE SINGERS NAME

```
ukistu11@ukipc11: ~  
ukistu11@ukipc11: ~  
ukistu11@ukipc11: ~  
> db.songsdetails.find()  
> { "id" : ObjectId("5a3b8986bca06f5f92a83fbc"), "songname" : "thaniye_thannanthaniye", "flim" : "rhythm", "music_director" : "A.R.Rahman", "singer" :  
shankar_mahadevan }  
> { "id" : ObjectId("5a3b8a03bca06f5f92a83fbf"), "songname" : "evano_oruvan", "flim" : "alai_payuthe", "music_director" : "A.R.Rahman", "singer" : "swa  
malatha" }  
> { "id" : ObjectId("5a3b8adfbca06f5f92a83fc0"), "songname" : "roja_poonthottan", "flim" : "kannukkul_nilavu", "music_director" : "ilayaraja", "singer"  
: "unnikrishnan,anuradha_sriram" }  
> { "id" : ObjectId("5a3b8bc6bca06f5f92a83fc1"), "songname" : "vennilave_vennilave_vinnaithandi", "flim" : "Minsara_kanavu", "music_director" : "A.R.Ra  
hman", "singer" : "hariharan,sadhana_sargam" }  
> { "id" : ObjectId("5a3b8d47bca06f5f92a83fc2"), "songname" : "sollamal_thottu_chellum_thenral", "flim" : "dheena", "music_director" : "yuvan_shankar_r  
aja", "singer" : "hariharan" }  
> db.songsdetails.find({music_director:"A.R.Rahman"},{songname:1,_id:0})  
> { "songname" : "thaniye_thannanthaniye" }  
> { "songname" : "evano_oruvan" }  
> { "songname" : "vennilave_vennilave_vinnaithandi" }  
> db.songsdetails.find({music_director:"A.R.Rahman",singer:"unnikrishnan"},{songname:1,_id:0})  
> db.songsdetails.update({flim:"Minsara_kanavu"},{$set:{songname:"vennilave_vennilave_vinnaithandi"}})  
2017-12-21T16:33:37.615+0530 E QUERY [thread1] SyntaxError: missing : after property id @ (shell):1:53  
> db.songsdetails.update({flim:"Minsara_kanavu"},{$set:{songname:"vennilave_vennilave_vinnaithandi"}})  
WriteResult({ "nMatched" : 0, "nUpserted" : 0, "nModified" : 0 })  
> db.songsdetails.update({flim:"Minsara_kanavu"},{$set:{songname:"vennilave_vennilave_vinnaithandi"}})  
WriteResult({ "nMatched" : 0, "nUpserted" : 0, "nModified" : 0 })  
> db.songsdetails.update({flim:"Minsara_kanavu"},{$set:{songname:"vennilave_vennilave_vinnaithandi"}})  
WriteResult({ "nMatched" : 0, "nUpserted" : 0, "nModified" : 0 })  
> db.songsdetails.update({flim:"Minsara_kanavu"},{$set:{songname:"vennilave_vennilave_vinnaithandi"}})  
WriteResult({ "nMatched" : 1, "nUpserted" : 0, "nModified" : 1 })  
> db.songsdetails.update({flim:"Minsara_kanavu"},{$set:{songname:"inaye_inaye"}})  
WriteResult({ "nMatched" : 1, "nUpserted" : 0, "nModified" : 1 })  
> db.songsdetails.find({flim:"Minsara_kanavu",singer:"hariharan,sadhana_sargam"},{songname:1,_id:0})  
> { "songname" : "inaye_inaye" }  
> db.songsdetails.find({},{singer:1,_id:0})  
> { "singer" : "shankar_mahadevan" }  
> { "singer" : "swamalatha" }  
> { "singer" : "unnikrishnan,anuradha_sriram" }  
> { "singer" : "hariharan,sadhana_sargam" }  
> { "singer" : "hariharan" }  
> |
```