MongoDB Exercise 1

1) Create a Database called music .

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

2) Create a collection called songdetails .

3) Create the above 5 song documents.

```
> db.songdetails.insert({songname:"thanije thananthanije",film:"Rhythm",musicdirector:"A.R.Rahman",singer:"Shangermahadevan"})
WriteResult({ "nInserted" : 1 })
> db.songdetails.insert({songname:"Vennilave vennilave vinaithandi",film:"Minsara kanavu",musicdirector:"A.R.Rahman",singer:"Harikaran, shadhana sarga
m"})
WriteResult({ "nInserted" : 1 })
> db.songdetails.insert({songname:"Roja poonthottam",film:"Kannukkul nilavu",musicdirector:"ilajarayaa",singer:"Unnikisnnan, Anudhara sriram"})
WriteResult({ "nInserted" : 1 })
> db.songdetails.insert({songname:"Evano oruvan",film:"Alai phauthey",musicdirector:"A.R.Rahman",singer:"swarnalatha"})
WriteResult({ "nInserted" : 1 })
> db.songdetails.insert({songname:"solamal thodu sellom thenral",film:"Dheena",musicdirector:"Yuvan shangaraja",singer:"Harikaran"})
WriteResult({ "nInserted" : 1 })
```

4) List all documents created.

```
"_id" : ObjectId("5924179ae598613f7655343b"),
"songname" : "thanije thananthanije",
"film" : "Rhythm",
"musicdirector" : "A.R.Rahman",
"singer" : "Shangermahadevan"


"_id" : ObjectId("5924182de598613f7655343c"),
"songname" : "Vennilave vennilave vinaithandi",
"film" : "Minsara kanavu",
"musicdirector" : "A.R.Rahman",
"singer" : "Harikaran, shadhana sargam"


"_id" : ObjectId("5924189de598613f7655343d"),
"songname" : "Roja poonthottam",
"film" : "Kannukkul nilavu",
"musicdirector" : "ilajarayaa",
"singer" : "Unnikisnnan, Anudhara sriram"


"_id" : ObjectId("5924191de598613f7655343e"),
"songname" : "Evano oruvan",
"film" : "Alai phauthey",
"musicdirector" : "A.R.Rahman",
"singer" : "swarnalatha"


"_id" : ObjectId("59241a08e598613f7655343f"),
"songname" : "solamal thodu sellom thenral",
"film" : "Dheena",
"musicdirector" : "Yuvan shangaraja",
"singer" : "Harikaran"
```

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

```
> db.songdetails.find({musicdirector:"A.R.Rahman"},{songname:1,_id:0})
{ "songname" : "thanije thananthanije" }
{ "songname" : "Vennilave vennilave vinaithandi" }
{ "songname" : "Evano oruvan" }
```

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

```
> db.songdetails.find({musicdirector:"A.R.Rahman"},{singer:"unnikisnnan"},{songname:1_id:0})
2017-05-23T17:10:02.939+0530 E QUERY    [thread1] SyntaxError: identifier starts immediately after numeric literal @(shell):1:82
```

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

```
}
> db.songdetails.remove({songname:"Evano oruvan"})
WriteResult({ "nRemoved" : 3 })
```

8) Add new song which is your favourite.

```
}
> db.songdetails.insert({songname:"kuththu kuththu kumag kuththu",film:"kuththu",musicdirector:"Yuvan shangaraja",singer:"shimpu"})
WriteResult({ "nInserted" : 1 })
>
```

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

```
> db.songdetails.find({film:"Minsara kanavu",singer:"Harikaran, shadhana sargam"},{songname:1,_id:0})
{ "songname" : "Vennilave vennilave vinaithandi" }
```

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

```
> db.songdetails.find({},{singer:1,_id:0})
{  }
{  }
{  }
{  }
{  }
{  }
{  }
{  }
{ "singer" : "Shangermahadevan" }
{ "singer" : "Harikaran, shadhana sargam" }
{ "singer" : "Unnikisnnan, Anudhara sriram" }
{ "singer" : "Harikaran" }
{ "singer" : "shimpu" }
```