

1.Create a Database called music.

> use music

2.Create a collection called songdetails.

> db.createCollection("songdetails")

```
ukistu07@ukipc07: ~$ sudo mongo
MongoDB shell version v3.6.9
connecting to: mongodb://127.0.0.1:27017
Implicit session: session { "id" : UUID("15ed328d-6a4c-40fc-8508-c3ccd787c325") }
MongoDB server version: 3.6.9
Server has startup warnings:
2019-01-08T20:21:24.311+0530 I STORAGE [initandlisten] ** WARNING: Using the XFS filesystem is strongly recommended with the Wired
Tiger storage engine
2019-01-08T20:21:24.311+0530 I STORAGE [initandlisten] ** See http://dochub.mongodb.org/core/prodnotes-filesystem
2019-01-08T20:21:26.072+0530 I CONTROL [initandlisten] ** WARNING: Access control is not enabled for the database.
2019-01-08T20:21:26.072+0530 I CONTROL [initandlisten] ** Read and write access to data and configuration is unrestricted
2019-01-08T20:21:26.072+0530 I CONTROL [initandlisten] ** WARNING: You are running this process as the root user, which is not rec
ommended.
2019-01-08T20:21:26.072+0530 I CONTROL [initandlisten] ** WARNING: This server is bound to localhost.
2019-01-08T20:21:26.072+0530 I CONTROL [initandlisten] ** Remote systems will be unable to connect to this server.
2019-01-08T20:21:26.073+0530 I CONTROL [initandlisten] ** Start the server with --bind_ip <address> to specify which IP
addresses it should serve responses from, or with --bind_ip_all
to
2019-01-08T20:21:26.073+0530 I CONTROL [initandlisten] ** bind to all interfaces. If this behavior is desired, start the
server with --bind_ip 127.0.0.1 to disable this warning.
2019-01-08T20:21:26.073+0530 I CONTROL [initandlisten] ** WARNING: /sys/kernel/mm/transparent_hugepage/enabled is 'always'.
2019-01-08T20:21:26.073+0530 I CONTROL [initandlisten] ** We suggest setting it to 'never'
2019-01-08T20:21:26.073+0530 I CONTROL [initandlisten]
> use music
switched to db music
> db.createCollection("songdetails")
{ "ok" : 1 }
>
```

3. Create the above 5 song documents

```
> db.songdetails.insert({"Song  
Name":"thaniye  
Thananthaniye","Flim":"Rythm","Music  
Director":"A.R.Rahman","Singer":"Shank  
ar Mahadevan"})
```

```
> db.songdetails.insert({"Song  
Name":"Evano Oruvan","Flim":"Alai  
Payuthey","Music  
Director":"A.R.Rahman","Singer":"Swam  
alatha"})
```

```
> db.songdetails.insert({"Song  
Name":"Roja  
Poonthottam","Flim":"KannukKul  
Nilavu","Music
```

```
Director":"Illaiyaraaja","Singer":  
"Unnikrishnan,Anuradha Sriram"))
```

```
> db.songdetails.insert({"Song  
Name":"Vennilave Venillave  
Vennaithanandi","Flim":"Minsara  
Kanavu","Music  
Director":"A.R.Rahman","Singer":  
"Hariharan Sadhana Sargam"))
```

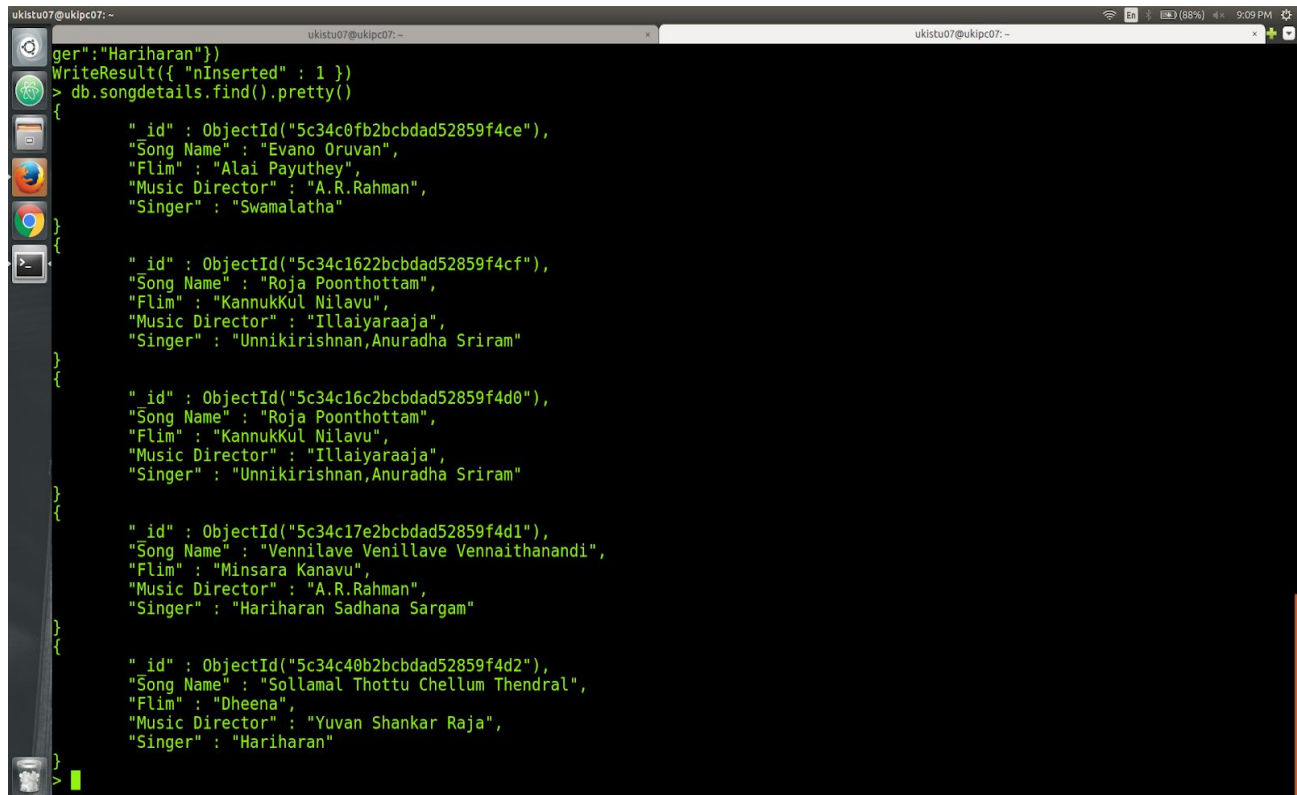
```
> db.songdetails.insert({"Song  
Name":"Sollamal Thottu Chellum  
Thendral","Flim":"Dheena","Music  
Director":"Yuvan Shankar  
Raja","Singer":"Hariharan"))
```

```
ukistu07@ukipc07: ~
ommeded.
2019-01-08T20:21:26.072+0530 I CONTROL [initandlisten]
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2019-01-08T20:21:26.073+0530 I CONTROL [initandlisten] ** We suggest setting it to 'never'
2019-01-08T20:21:26.073+0530 I CONTROL [initandlisten]
> use music
switched to db music
> db.createCollection("songdetails")
{ "ok" : 1 }
> db.songdetails.insert({"Song Name":"Thaniye Thananthaniye","Flim":"Rythm","Music Director":"A.R.Rahman","Singer":"Shankar Mahadeva
n"})
WriteResult({ "nInserted" : 1 })
> db.songdetails.insert({"Song Name":"Evano Oruvan","Flim":"Alai Payuthey","Music Director":"A.R.Rahman","Singer":"Swamalatha"})
WriteResult({ "nInserted" : 1 })
> db.songdetails.insert({"Song Name":"Roja Poonthottam","Flim":"KannukKul Nilavu","Music Director":"Illaiyaraaja","Singer":"Unnikir
ishnan,Anuradha Sriram"})
WriteResult({ "nInserted" : 1 })
> db.songdetails.insert({"Song Name":"Roja Poonthottam","Flim":"KannukKul Nilavu","Music Director":"Illaiyaraaja","Singer":"Unnikir
ishnan,Anuradha Sriram"})
WriteResult({ "nInserted" : 1 })
> db.songdetails.insert({"Song Name":"Vennilave Venillave Vennaithanandi","Flim":"Minsara Kanavu","Music Director":"A.R.Rahman","S
inger":"Hariharan Sadhana Sargam"})
WriteResult({ "nInserted" : 1 })
> db.songdetails.insert({"Song Name":"Sollamal Thottu Chellum Thendral","Flim":"Dheena","Music Director":"Yuvan Shankar Raja","Sing
er":"Hariharan"})
...
> db.songdetails.insert({"Song Name":"Sollamal Thottu Chellum Thendral","Flim":"Dheena","Music Director":"Yuvan Shankar Raja","Sing
er":"Hariharan"})
...

```

4. List all documents created.

> db.songdetails.find().pretty()

A terminal window with a dark background and light green text. The prompt is 'ukistu07@ukipc07: ~'. The command 'db.songdetails.find().pretty()' has been executed. The output is a JSON array of five song documents. Each document contains fields for 'id', 'Song Name', 'Flim', 'Music Director', and 'Singer'. The songs listed are 'Evano Oruvan', 'Roja Poonthottam', 'Roja Poonthottam', 'Vennilave Venillave Vennaithanandi', and 'Sollamal Thottu Chellum Thendral'.

```
ukistu07@ukipc07: ~
ger:"Hariharan"})
WriteResult({ "nInserted" : 1 })
> db.songdetails.find().pretty()
{
  " id" : ObjectId("5c34c0fb2bcbdad52859f4ce"),
  "Song Name" : "Evano Oruvan",
  "Flim" : "Alai Payuthey",
  "Music Director" : "A.R.Rahman",
  "Singer" : "Swamalatha"
}
{
  " id" : ObjectId("5c34c1622bcbdad52859f4cf"),
  "Song Name" : "Roja Poonthottam",
  "Flim" : "KannukKul Nilavu",
  "Music Director" : "Illaiyaraaja",
  "Singer" : "Unnikirishnan,Anuradha Sriram"
}
{
  " id" : ObjectId("5c34c16c2bcbdad52859f4d0"),
  "Song Name" : "Roja Poonthottam",
  "Flim" : "KannukKul Nilavu",
  "Music Director" : "Illaiyaraaja",
  "Singer" : "Unnikirishnan,Anuradha Sriram"
}
{
  " id" : ObjectId("5c34c17e2bcbdad52859f4d1"),
  "Song Name" : "Vennilave Venillave Vennaithanandi",
  "Flim" : "Minsara Kanavu",
  "Music Director" : "A.R.Rahman",
  "Singer" : "Hariharan Sadhana Sargam"
}
{
  " id" : ObjectId("5c34c40b2bcbdad52859f4d2"),
  "Song Name" : "Sollamal Thottu Chellum Thendral",
  "Flim" : "Dheena",
  "Music Director" : "Yuvan Shankar Raja",
  "Singer" : "Hariharan"
}
>
```