

Q1:-

```
> db.createCollection("songdetails")
{ "ok" : 1 }
> show collections
songdetails
```

Q2:-

```
Command Prompt - mongo
Enable MongoDB's free cloud-based monitoring service, which will then receive and display
metrics about your deployment (disk utilization, CPU, operation statistics, etc).

The monitoring data will be available on a MongoDB website with a unique URL accessible to you
and anyone you share the URL with. MongoDB may use this information to make product
improvements and to suggest MongoDB products and deployment options to you.

To enable free monitoring, run the following command: db.enableFreeMonitoring()
To permanently disable this reminder, run the following command: db.disableFreeMonitoring()
---
> show dbs
admin    0.000GB
config  0.000GB
local    0.000GB
> use music
switched to db music
> db.createCollection("songdetails")
{ "ok" : 1 }
> show collections
songdetails
> db.songdetails.insert([{"songname":"thaniye thananthaniye",film:"rhythm",musicdirector:"A.R.Rahman",singer:"Shanker Mahadevan"},{"songname":"evano oruvan",film:"alai payu
the",musicdirector:"A.R.Rahman",singer:"Swarnalatha"},{"songname":"roja poonthottam",film:"kannukul nilavu",musicdirector:"Illayaraja",singer:"unnikrishanan,anuradha srira
m"},{"songname":"vennilave vennilave",film:"minsara kanavu",musicdirector:"A.R.Rahman",singer:"harikaran,sadhana sargam"},{"songname":"sollamal thottu sellum thendral",film:"
dheena",musicdirector:"yuvan",singer:"harikaran"}])
2020-01-13T20:46:08.036+0530 E QUERY [js] uncaught exception: SyntaxError: expected property name, got '[' :
@shell):1:219
> db.songdetails.insert([{"songname":"thaniye thananthaniye",film:"rhythm",musicdirector:"A.R.Rahman",singer:"Shanker Mahadevan"},{"songname":"evano oruvan",film:"alai payu
the",musicdirector:"A.R.Rahman",singer:"Swarnalatha"},{"songname":"roja poonthottam",film:"kannukul nilavu",musicdirector:"Illayaraja",singer:"unnikrishanan,anuradha srira
m"},{"songname":"vennilave vennilave",film:"minsara kanavu",musicdirector:"A.R.Rahman",singer:"harikaran,sadhana sargam"},{"songname":"sollamal thottu sellum thendral",film:"
dheena",musicdirector:"yuvan",singer:"harikaran"}])
2020-01-13T20:47:58.792+0530 E QUERY [js] uncaught exception: SyntaxError: missing : after property id :
@shell):1:348
> db.songdetails.insert([{"songname":"thaniye thananthaniye",film:"rhythm",musicdirector:"A.R.Rahman",singer:"Shanker Mahadevan"},{"songname":"evano oruvan",film:"alai payu
the",musicdirector:"A.R.Rahman",singer:"Swarnalatha"},{"songname":"roja poonthottam",film:"kannukul nilavu",musicdirector:"Illayaraja",singer:"unnikrishanan,anuradha srira
m"},{"songname":"vennilave vennilave",film:"minsara kanavu",musicdirector:"A.R.Rahman",singer:"harikaran,sadhana sargam"},{"songname":"sollamal thottu sellum thendral",fil
m:"dheena",musicdirector:"yuvan",singer:"harikaran"}])
BulkWriteResult({
  "writeErrors" : [ ],
  "writeConcernErrors" : [ ],
  "nInserted" : 5,
  "nUpserted" : 0,
  "nMatched" : 0,
  "nModified" : 0,
```

Q3:-

```
Command Prompt - mongo
{
  "nModified" : 0,
  "nRemoved" : 0,
  "upserted" : [ ]
}
> db.songdetails.find().pretty()
{
  "_id" : ObjectId("5e1c8a59ef99835b11cffaea"),
  "songname" : "thaniye thananthaniye",
  "film" : "rhythm",
  "musicdirector" : "A.R.Rahman",
  "singer" : "Shanker Mahadevan"
}
{
  "_id" : ObjectId("5e1c8a59ef99835b11cffaeb"),
  "songname" : "evano oruvan",
  "film" : "alai payuthe",
  "musicdirector" : "A.R.Rahman",
  "singer" : "Swarnalatha"
}
{
  "_id" : ObjectId("5e1c8a59ef99835b11cffaec"),
  "songname" : "roja poonthottam",
  "film" : "kannukul nilavu",
  "musicdirector" : "Illayaraja",
  "singer" : "unnikrishanan,anuradha sriram"
}
{
  "_id" : ObjectId("5e1c8a59ef99835b11cffaee"),
  "songname" : "vennilave vennilave",
  "film" : "minsara kanavu",
  "musicdirector" : "A.R.Rahman",
  "singer" : "harikaran,sadhana sargam"
}
{
  "_id" : ObjectId("5e1c8a59ef99835b11cffaef"),
  "songname" : "sollamal thottu sellum thendral",
  "film" : "dheena",
  "musicdirector" : "yuvan",
  "singer" : "harikaran"
}
```

Q4:-

```
Command Prompt - mongo

{
  "_id" : ObjectId("5e1c8a59ef99835b11cffaec"),
  "songname" : "roja poonthottam",
  "film" : "kannukul nilavu",
  "musicdirector" : "Ilayaraja",
  "singer" : "unnikrishnan,anuradha sriram"
}

{
  "_id" : ObjectId("5e1c8a59ef99835b11cffaed"),
  "songname" : "vennilave vennilave",
  "film" : "minsara kanavu",
  "musicdirector" : "A.R.Rahman",
  "singer" : "harikaran,sadhana sargam"
}

{
  "_id" : ObjectId("5e1c8a59ef99835b11cffaee"),
  "songname" : "sollamal thottu sellum thendral",
  "film" : "dheena",
  "musicdirector" : "yuvan",
  "singer" : "harikaran"
}
> db.songdetails.find({musicdirector:"A.R. Rahman"}).pretty()
{
  "_id" : ObjectId("5e1c8a59ef99835b11cffaea"),
  "songname" : "thaniye thananthaniye",
  "film" : "rhythm",
  "musicdirector" : "A.R.Rahman",
  "singer" : "Shanker Mahadevan"
}

{
  "_id" : ObjectId("5e1c8a59ef99835b11cffaeb"),
  "songname" : "evano oruvan",
  "film" : "alai payuthe",
  "musicdirector" : "A.R.Rahman",
  "singer" : "Swarnalatha"
}

{
  "_id" : ObjectId("5e1c8a59ef99835b11cffaed"),
  "songname" : "vennilave vennilave",
  "film" : "minsara kanavu",
  "musicdirector" : "A.R.Rahman",
  "singer" : "harikaran,sadhana sargam"
}
```

Q5:-

```
Command Prompt - mongo

> db.songdetails.find($and:[{musicdirector:"A.R. Rahman"},{singer:"unnikrishnan"}]).pretty()
2020-01-13T21:30:33.721+0530 E QUERY [js] uncaught exception: SyntaxError: missing ) after argument list :
@ (shell):1:24
> db.songdetails.find($and:[{musicdirector:"A.R. Rahman"},{singer:"unnikrishnan"}]).pretty()
> db.songdetails.find($and:[{musicdirector:"A.R. Rahman",singer:"unnikrishnan"}]).pretty()
> db.songdetails.find($and:[{musicdirector:"A.R. Rahman",singer:"unnikrishnan"}]).pretty()
2020-01-13T21:47:31.050+0530 E QUERY [js] uncaught exception: SyntaxError: missing ] in computed property name :
@ (shell):1:44
> db.songdetails.find($and:[{musicdirector:"A.R. Rahman"},{singer:"unnikrishnan"}])).pretty()
2020-01-13T21:48:59.306+0530 E QUERY [js] uncaught exception: SyntaxError: missing ] in computed property name :
@ (shell):1:56
> db.songdetails.remove({songname:"thaniye thananthaniye"})
writeResult({ "nRemoved" : 1 })
> db.songdetails.find().pretty()
{
  "_id" : ObjectId("5e1c8a59ef99835b11cffaeb"),
  "songname" : "evano oruvan",
  "film" : "alai payuthe",
  "musicdirector" : "A.R.Rahman",
  "singer" : "Swarnalatha"
}

{
  "_id" : ObjectId("5e1c8a59ef99835b11cffaec"),
  "songname" : "roja poonthottam",
  "film" : "kannukul nilavu",
  "musicdirector" : "Ilayaraja",
  "singer" : "unnikrishnan,anuradha sriram"
}

{
  "_id" : ObjectId("5e1c8a59ef99835b11cffaed"),
  "songname" : "vennilave vennilave",
  "film" : "minsara kanavu",
  "musicdirector" : "A.R.Rahman",
  "singer" : "harikaran,sadhana sargam"
}

{
  "_id" : ObjectId("5e1c8a59ef99835b11cffaee"),
  "songname" : "sollamal thottu sellum thendral",
  "film" : "dheena",
  "musicdirector" : "yuvan",
  "singer" : "harikaran"
}
```

Q6:-

```
Select Command Prompt - mongo
WriteResult({ "nRemoved" : 1 })
> db.songdetails.find().pretty()
{
  "_id" : ObjectId("5e1c8a59ef99835b11cffaeb"),
  "songname" : "evano oruvan",
  "film" : "alai payuthe",
  "musicdirector" : "A.R.Rahman",
  "singer" : "Swarnalatha"
}
{
  "_id" : ObjectId("5e1c8a59ef99835b11cffaec"),
  "songname" : "roja poonthottam",
  "film" : "kannukul nilavu",
  "musicdirector" : "Ilayaraja",
  "singer" : "unnikrishanan,anuradha sriram"
}
{
  "_id" : ObjectId("5e1c8a59ef99835b11cffaed"),
  "songname" : "vennilave vennilave",
  "film" : "minsara kanavu",
  "musicdirector" : "A.R.Rahman",
  "singer" : "harikaran,sadhana sargam"
}
{
  "_id" : ObjectId("5e1c8a59ef99835b11cffaee"),
  "songname" : "sollamal thottu sellum thendral",
  "film" : "dheena",
  "musicdirector" : "yuvan",
  "singer" : "harikaran"
}
> de.songdetails.insert({songname:"munbe vaa",film:"sillunu oru kadhal",musicdirector:"A.R.Rahman,singer:"shreya koshal"})
2020-01-13T21:54:26.710+0530 E QUERY [js] uncaught exception: SyntaxError: missing } after property list :
@shell>:1:104
> de.songdetails.insert({songname:"munbe vaa",film:"sillunu oru kadhal",musicdirector:"A.R.Rahman",singer:"shreya koshal"})
2020-01-13T21:54:38.086+0530 E QUERY [js] uncaught exception: ReferenceError: de is not defined :
@shell>:1:1
> db.songdetails.insert({songname:"munbe vaa",film:"sillunu oru kadhal",musicdirector:"A.R.Rahman",singer:"shreya koshal"})
WriteResult({ "nInserted" : 1 })
> db.songdetails.find().pretty()
{
  "_id" : ObjectId("5e1c8a59ef99835b11cffaeb"),
  "songname" : "evano oruvan",
  "film" : "alai payuthe",
  "musicdirector" : "A.R.Rahman",
  "singer" : "Swarnalatha"
}
{
  "_id" : ObjectId("5e1c8a59ef99835b11cffaec"),
  "songname" : "roja poonthottam",
  "film" : "kannukul nilavu",
  "musicdirector" : "Ilayaraja",
  "singer" : "unnikrishanan,anuradha sriram"
}
{
  "_id" : ObjectId("5e1c8a59ef99835b11cffaed"),
  "songname" : "vennilave vennilave",
  "film" : "minsara kanavu",
  "musicdirector" : "A.R.Rahman",
  "singer" : "harikaran,sadhana sargam"
}
{
  "_id" : ObjectId("5e1c8a59ef99835b11cffaee"),
  "songname" : "sollamal thottu sellum thendral",
  "film" : "dheena",
  "musicdirector" : "yuvan",
  "singer" : "harikaran"
}
> de.songdetails.insert({songname:"munbe vaa",film:"sillunu oru kadhal",musicdirector:"A.R.Rahman,singer:"shreya koshal"})
2020-01-13T21:54:26.710+0530 E QUERY [js] uncaught exception: SyntaxError: missing } after property list :
@shell>:1:104
> de.songdetails.insert({songname:"munbe vaa",film:"sillunu oru kadhal",musicdirector:"A.R.Rahman",singer:"shreya koshal"})
2020-01-13T21:54:38.086+0530 E QUERY [js] uncaught exception: ReferenceError: de is not defined :
@shell>:1:1
> db.songdetails.insert({songname:"munbe vaa",film:"sillunu oru kadhal",musicdirector:"A.R.Rahman",singer:"shreya koshal"})
WriteResult({ "nInserted" : 1 })
> db.songdetails.find().pretty()
{
  "_id" : ObjectId("5e1c8a59ef99835b11cffaeb"),
  "songname" : "evano oruvan",
  "film" : "alai payuthe",
  "musicdirector" : "A.R.Rahman",
  "singer" : "Swarnalatha"
}
```

Q7:-

```
Select Command Prompt - mongo
WriteResult({ "nRemoved" : 1 })
> db.songdetails.find().pretty()
{
  "_id" : ObjectId("5e1c8a59ef99835b11cffaeb"),
  "songname" : "evano oruvan",
  "film" : "alai payuthe",
  "musicdirector" : "A.R.Rahman",
  "singer" : "Swarnalatha"
}
{
  "_id" : ObjectId("5e1c8a59ef99835b11cffaec"),
  "songname" : "roja poonthottam",
  "film" : "kannukul nilavu",
  "musicdirector" : "Ilayaraja",
  "singer" : "unnikrishanan,anuradha sriram"
}
{
  "_id" : ObjectId("5e1c8a59ef99835b11cffaed"),
  "songname" : "vennilave vennilave",
  "film" : "minsara kanavu",
  "musicdirector" : "A.R.Rahman",
  "singer" : "harikaran,sadhana sargam"
}
{
  "_id" : ObjectId("5e1c8a59ef99835b11cffaee"),
  "songname" : "sollamal thottu sellum thendral",
  "film" : "dheena",
  "musicdirector" : "yuvan",
  "singer" : "harikaran"
}
> de.songdetails.insert({songname:"munbe vaa",film:"sillunu oru kadhal",musicdirector:"A.R.Rahman,singer:"shreya koshal"})
2020-01-13T21:54:26.710+0530 E QUERY [js] uncaught exception: SyntaxError: missing } after property list :
@shell>:1:104
> de.songdetails.insert({songname:"munbe vaa",film:"sillunu oru kadhal",musicdirector:"A.R.Rahman",singer:"shreya koshal"})
2020-01-13T21:54:38.086+0530 E QUERY [js] uncaught exception: ReferenceError: de is not defined :
@shell>:1:1
> db.songdetails.insert({songname:"munbe vaa",film:"sillunu oru kadhal",musicdirector:"A.R.Rahman",singer:"shreya koshal"})
WriteResult({ "nInserted" : 1 })
> db.songdetails.find().pretty()
{
  "_id" : ObjectId("5e1c8a59ef99835b11cffaeb"),
  "songname" : "evano oruvan",
  "film" : "alai payuthe",
  "musicdirector" : "A.R.Rahman",
  "singer" : "Swarnalatha"
}
```