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```
Command Prompt
Microsoft Windows [Version 10.0.17763.437]
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C:\Users\Khuluq>mongo --nodb
MongoDB shell version v4.0.6
> replicaSet = new ReplSetTest({"nodes" :})
2019-04-26T03:02:37.654+0700 E QUERY    [js] SyntaxError: expected expression, got '}' @(shell):1:39
```

```
> replicaSet = new ReplSetTest({"nodes" : 3})
Starting new replica set __unknown_name__
{
        "kDefaultTimeoutMS" : 600000,
        "getReadConcernMajorityOpTimeOrThrow" : function (conn) {
"use strict";

        const majorityOpTime = _getReadConcernMajorityOpTime(conn);
        if (friendlyEqual(majorityOpTime, {ts: Timestamp(0, 0), t: NumberLong(0)})) {
            throw new Error("readConcern majority optime not available");
        }
        return majorityOpTime;
    },
        "nodeList" : function () {
"use strict";

        var list = [];
        for (var i = 0; i < this.ports.length; i++) {
            list.push(this.host + ":" + this.ports[i]);
        }

        return list;
    },
        "getNodeId" : function (node) {
"use strict";

        if (node.toFixed) {
            return parseInt(node);
        }

        for (var i = 0; i < this.nodes.length; i++) {
            if (this.nodes[i] == node) {
                return i;
            }
        }
```

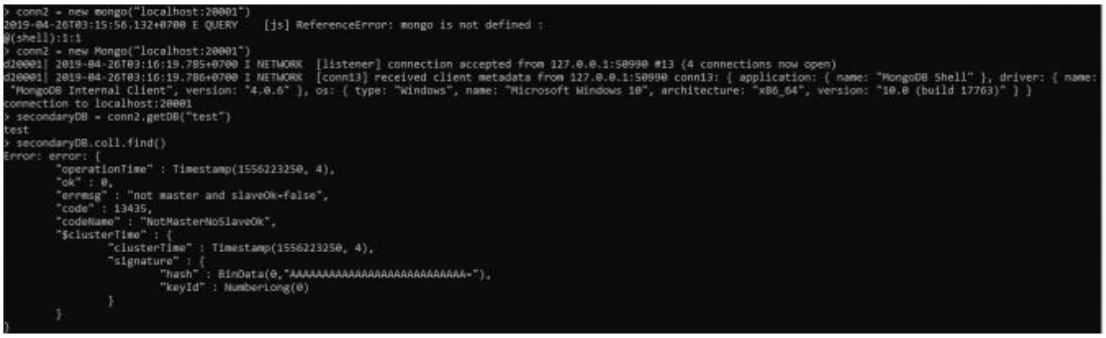
```
    return master;
},
    "name" : "__unknown_name__",
    "useHostName" : true,
    "host" : "DESKTOP-U6O7IL7",
    "oplogSize" : 40,
    "useSeedList" : false,
    "keyFile" : undefined,
    "protocolVersion" : undefined,
    "waitForKeys" : undefined,
    "nodeOptions" : {
            "n0" : undefined,
            "n1" : undefined,
            "n2" : undefined
    },
    "nodes" : [ ],
    "ports" : [
            20000,
            20001,
            20002
    ]
```

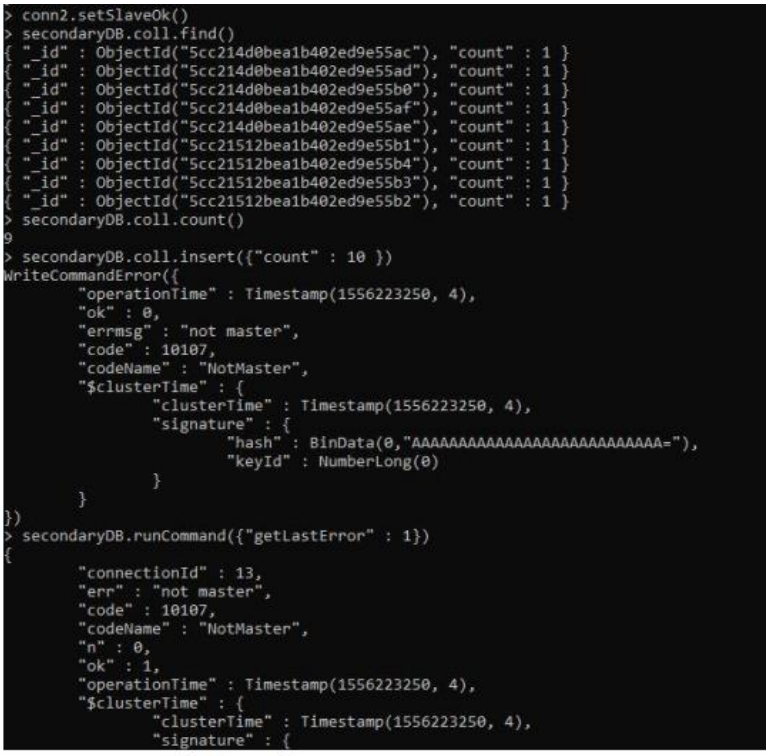
```
> replicaSet.startSet()
ReplSetTest starting set
ReplSetTest n is : 0
{
        "useHostName" : true,
        "oplogSize" : 40,
        "keyFile" : undefined,
        "port" : 20000,
        "noprealloc" : "",
        "smallfiles" : "",
        "replSet" : "__unknown_name__",
        "dbpath" : "$set-$node",
        "restart" : undefined,
        "pathOpts" : {
                "node" : 0,
                "set" : "__unknown_name__"
        },
        "setParameter" : {
                "writePeriodicNoops" : false,
                "numInitialSyncAttempts" : 1,
                "numInitialSyncConnectAttempts" : 60
        }
}
ReplSetTest Starting....
```

```
> replicaSet.initiate()
{
        "replSetInitiate" : {
                "_id" : "__unknown_name__",
                "protocolVersion" : 1,
                "members" : [
                        {
                                "_id" : 0,
                                "host" : "DESKTOP-U6O7IL7:20000"
                        }
                ]
        }
}
```

```
> primaryDB.isMaster()
2019-04-26T03:08:02.169+0700 E QUERY    [js] ReferenceError: primaryDB is not defined :
@(shell):1:1
> conn1.getDB("test")
test
> primaryDB = conn1.getDB("test")
test
> primaryDB.isMaster()
{
        "hosts" : [
                "DESKTOP-U6O7IL7:20000",
                "DESKTOP-U6O7IL7:20001",
                "DESKTOP-U6O7IL7:20002"
        ],
        "setName" : "__unknown_name__",
        "setVersion" : 2,
        "ismaster" : true,
        "secondary" : false,
        "primary" : "DESKTOP-U6O7IL7:20000",
        "me" : "DESKTOP-U6O7IL7:20000",
        "electionId" : ObjectId("7fffffff0000000000000001"),
        "lastWrite" : {
                "opTime" : {
                        "ts" : Timestamp(1556222663, 1),
                        "t" : NumberLong(1)
                },
                "lastWriteDate" : ISODate("2019-04-25T20:04:23Z"),
                "majorityOpTime" : {
                        "ts" : Timestamp(1556222663, 1),
                        "t" : NumberLong(1)
                },
                "majorityWriteDate" : ISODate("2019-04-25T20:04:23Z")
        },
```


> for (i=0; i<5; i++) { primaryDB.coll.insert({count : 1}) }
d20000| 2019-04-26T03:13:04.248+0700 I STORAGE [conn16] createCollection: test.coll with generated UUID: b1147d25-e5ef-4104-b50f-8eac414df5f8
d20001| 2019-04-26T03:13:04.272+0700 I STORAGE [repl writer worker 11] createCollection: test.coll with provided UUID: b1147d25-e5ef-4104-b50f-8eac414df5f8
d20002| 2019-04-26T03:13:04.275+0700 I STORAGE [repl writer worker 11] createCollection: test.coll with provided UUID: b1147d25-e5ef-4104-b50f-8eac414df5f8
WriteResult({ "nInserted" : 1 })
> primaryDB.coll.count()
5
> for (i=0; i<4; i++) { primaryDB.coll.insert({count : 1}) }
WriteResult({ "nInserted" : 1 })
> primaryDB.coll.count()
9


> conn2 = new mongo("localhost:20001")
2019-04-26T03:15:56.132+0700 E QUERY [js] ReferenceError: mongo is not defined :
@(shell):1:1
> conn2 = new Mongo("localhost:20001")
d20001| 2019-04-26T03:16:19.785+0700 I NETWORK [listener] connection accepted from 127.0.0.1:50990 #13 (4 connections now open)
d20001| 2019-04-26T03:16:19.786+0700 I NETWORK [conn13] received client metadata from 127.0.0.1:50990 conn13: { application: { name: "MongoDB Shell" }, driver: { name:
"MongoDB Internal Client", version: "4.0.6" }, os: { type: "Windows", name: "Microsoft Windows 10", architecture: "x86_64", version: "10.0 (build 17763)" } }
connection to localhost:20001
> secondaryDB = conn2.getDB("test")
test
> secondaryDB.coll.find()
Error: error: {
"operationTime" : Timestamp(1556223250, 4),
"ok" : 0,
"errmsg" : "not master and slaveOk=false",
"code" : 13435,
"codeName" : "NotMasterNoSlaveOk",
"$clusterTime" : {
"clusterTime" : Timestamp(1556223250, 4),
"signature" : {
"hash" : BinData(0,"AAAAAAAAAAAAAAAAAAAAAAAAAAA="),
"keyId" : NumberLong(0)
}
}
}


> conn2.setSlaveOk()
> secondaryDB.coll.find()
{ "_id" : ObjectId("5cc214d0bea1b402ed9e55ac"), "count" : 1 }
{ "_id" : ObjectId("5cc214d0bea1b402ed9e55ad"), "count" : 1 }
{ "_id" : ObjectId("5cc214d0bea1b402ed9e55b0"), "count" : 1 }
{ "_id" : ObjectId("5cc214d0bea1b402ed9e55af"), "count" : 1 }
{ "_id" : ObjectId("5cc214d0bea1b402ed9e55ae"), "count" : 1 }
{ "_id" : ObjectId("5cc21512bea1b402ed9e55b1"), "count" : 1 }
{ "_id" : ObjectId("5cc21512bea1b402ed9e55b4"), "count" : 1 }
{ "_id" : ObjectId("5cc21512bea1b402ed9e55b3"), "count" : 1 }
{ "_id" : ObjectId("5cc21512bea1b402ed9e55b2"), "count" : 1 }
> secondaryDB.coll.count()
9
> secondaryDB.coll.insert({"count" : 10 })
WriteCommandError({
"operationTime" : Timestamp(1556223250, 4),
"ok" : 0,
"errmsg" : "not master",
"code" : 10107,
"codeName" : "NotMaster",
"$clusterTime" : {
"clusterTime" : Timestamp(1556223250, 4),
"signature" : {
"hash" : BinData(0,"AAAAAAAAAAAAAAAAAAAAAAAAAAA="),
"keyId" : NumberLong(0)
}
}
})
> secondaryDB.runCommand({"getLastError" : 1})
{
"connectionId" : 13,
"err" : "not master",
"code" : 10107,
"codeName" : "NotMaster",
"n" : 0,
"ok" : 1,
"operationTime" : Timestamp(1556223250, 4),
"$clusterTime" : {
"clusterTime" : Timestamp(1556223250, 4),
"signature" : {