**First query details printed in console:**

DEBUG 04-05-2017 ,11:56:57,974 [main- DebugSignalHandler.java-12] listen To function is called of DebugSignalHandler

INFO 04-05-2017 ,11:56:57,986 [main- MongoDBConfiguration.java-184] Configuration name= hostIP Configuration value= 192.168.226.134

INFO 04-05-2017 ,11:56:57,986 [main- MongoDBConfiguration.java-562] The IPaddress is a valid address

INFO 04-05-2017 ,11:56:57,987 [main- MongoDBConfiguration.java-326] The Database Host IPAddress :192.168.226.134 is set successfully

INFO 04-05-2017 ,11:56:57,991 [main- MongoDBConfiguration.java-394] The host port 27017 is set successfully

INFO 04-05-2017 ,11:56:57,992 [main- MongoDBConfiguration.java-441] Database Name mentioned in configuration name: newServerApplicationDB

INFO 04-05-2017 ,11:56:57,992 [main- MongoDBConfiguration.java-479] Database user Name mentioned in configuration name: admin

INFO 04-05-2017 ,11:56:57,992 [main- MongoDBConfiguration.java-508] Database password mentioned in configuration name: admin123

INFO 04-05-2017 ,11:56:57,993 [main- MongoDBConfiguration.java-271] The FileReader handler ServConfigFileReader attached with the file MongoDBConfiguration.cfg is successfully closed

INFO 04-05-2017 ,11:56:57,993 [main- MongoDBConfiguration.java-287] The BufferedReader object br is succesfully closed

INFO 04-05-2017 ,11:56:58,002 [main- MongoDBHandler.java-43] HostIP is : 192.168.226.134

INFO 04-05-2017 ,11:56:58,003 [main- MongoDBHandler.java-44] Host Port is : 27017

INFO 04-05-2017 ,11:56:58,003 [main- MongoDBHandler.java-45] Database Name is: newServerApplicationDB

INFO 04-05-2017 ,11:56:58,003 [main- MongoDBHandler.java-46] User Name is: admin

INFO 04-05-2017 ,11:56:58,003 [main- MongoDBHandler.java-47] Password is: admin123

DEBUG 04-05-2017 ,11:56:58,149 [main- MongoDBHandler.java-78] The mongoclientInstance is created succssfully

DEBUG 04-05-2017 ,11:56:58,152 [main- MongoDBHandler.java-85] The admin database is successfuly accessed

INFO 04-05-2017 ,11:56:58,197 [main- MongoDBHandler.java-92] Database authentication is successful

INFO 04-05-2017 ,11:56:58,198 [main- MongoDBHandler.java-99] The connection to database newServerApplicationDB is done successfully

INFO 04-05-2017 ,11:56:58,202 [main- MongoDBHandler.java-107] The tables present in the database are following:

INFO 04-05-2017 ,11:56:58,204 [main- MongoDBHandler.java-110] system.indexes

INFO 04-05-2017 ,11:56:58,206 [main- MongoDBHandler.java-110] uniqueIDCard2

INFO 04-05-2017 ,11:56:58,207 [main- MongoDBTester.java-18] fetchSpecificRowsWhereInDetails is called

INFO 04-05-2017 ,11:56:58,225 [main- MongoDBTester.java-28] { "\_id" : { "$oid" : "5908ca7113b48ea31b242b6c"} , "Name" : "Sayak" , "id" : 1.0 , "Age" : 23.0 , "Gender" : "M"}

INFO 04-05-2017 ,11:56:58,225 [main- MongoDBTester.java-28] { "\_id" : { "$oid" : "5908cac413b48ea31b242b6d"} , "Name" : "Suman" , "id" : 2.0 , "Age" : 24.0 , "Gender" : "M"}

**First query details printed in file:**

DEBUG 04-05-2017 ,11:56:57,974 [main- DebugSignalHandler.java-12] listen To function is called of DebugSignalHandler

INFO 04-05-2017 ,11:56:57,986 [main- MongoDBConfiguration.java-184] Configuration name= hostIP Configuration value= 192.168.226.134

INFO 04-05-2017 ,11:56:57,986 [main- MongoDBConfiguration.java-562] The IPaddress is a valid address

INFO 04-05-2017 ,11:56:57,987 [main- MongoDBConfiguration.java-326] The Database Host IPAddress :192.168.226.134 is set successfully

INFO 04-05-2017 ,11:56:57,991 [main- MongoDBConfiguration.java-394] The host port 27017 is set successfully

INFO 04-05-2017 ,11:56:57,992 [main- MongoDBConfiguration.java-441] Database Name mentioned in configuration name: newServerApplicationDB

INFO 04-05-2017 ,11:56:57,992 [main- MongoDBConfiguration.java-479] Database user Name mentioned in configuration name: admin

INFO 04-05-2017 ,11:56:57,992 [main- MongoDBConfiguration.java-508] Database password mentioned in configuration name: admin123

INFO 04-05-2017 ,11:56:57,993 [main- MongoDBConfiguration.java-271] The FileReader handler ServConfigFileReader attached with the file MongoDBConfiguration.cfg is successfully closed

INFO 04-05-2017 ,11:56:57,993 [main- MongoDBConfiguration.java-287] The BufferedReader object br is succesfully closed

INFO 04-05-2017 ,11:56:58,002 [main- MongoDBHandler.java-43] HostIP is : 192.168.226.134

INFO 04-05-2017 ,11:56:58,003 [main- MongoDBHandler.java-44] Host Port is : 27017

INFO 04-05-2017 ,11:56:58,003 [main- MongoDBHandler.java-45] Database Name is: newServerApplicationDB

INFO 04-05-2017 ,11:56:58,003 [main- MongoDBHandler.java-46] User Name is: admin

INFO 04-05-2017 ,11:56:58,003 [main- MongoDBHandler.java-47] Password is: admin123

DEBUG 04-05-2017 ,11:56:58,149 [main- MongoDBHandler.java-78] The mongoclientInstance is created succssfully

DEBUG 04-05-2017 ,11:56:58,152 [main- MongoDBHandler.java-85] The admin database is successfuly accessed

INFO 04-05-2017 ,11:56:58,197 [main- MongoDBHandler.java-92] Database authentication is successful

INFO 04-05-2017 ,11:56:58,198 [main- MongoDBHandler.java-99] The connection to database newServerApplicationDB is done successfully

INFO 04-05-2017 ,11:56:58,202 [main- MongoDBHandler.java-107] The tables present in the database are following:

INFO 04-05-2017 ,11:56:58,204 [main- MongoDBHandler.java-110] system.indexes

INFO 04-05-2017 ,11:56:58,206 [main- MongoDBHandler.java-110] uniqueIDCard2

INFO 04-05-2017 ,11:56:58,207 [main- MongoDBTester.java-18] fetchSpecificRowsWhereInDetails is called

INFO 04-05-2017 ,11:56:58,225 [main- MongoDBTester.java-28] { "\_id" : { "$oid" : "5908ca7113b48ea31b242b6c"} , "Name" : "Sayak" , "id" : 1.0 , "Age" : 23.0 , "Gender" : "M"}

INFO 04-05-2017 ,11:56:58,225 [main- MongoDBTester.java-28] { "\_id" : { "$oid" : "5908cac413b48ea31b242b6d"} , "Name" : "Suman" , "id" : 2.0 , "Age" : 24.0 , "Gender" : "M"}

**No log file is created in the archive yet.**

**Log printed in console after second query:**

DEBUG 04-05-2017 ,12:05:16,558 [main- DebugSignalHandler.java-12] listen To function is called of DebugSignalHandler

INFO 04-05-2017 ,12:05:16,573 [main- MongoDBConfiguration.java-184] Configuration name= hostIP Configuration value= 192.168.226.134

INFO 04-05-2017 ,12:05:16,575 [main- MongoDBConfiguration.java-562] The IPaddress is a valid address

INFO 04-05-2017 ,12:05:16,575 [main- MongoDBConfiguration.java-326] The Database Host IPAddress :192.168.226.134 is set successfully

INFO 04-05-2017 ,12:05:16,576 [main- MongoDBConfiguration.java-394] The host port 27017 is set successfully

INFO 04-05-2017 ,12:05:16,581 [main- MongoDBConfiguration.java-441] Database Name mentioned in configuration name: newServerApplicationDB

INFO 04-05-2017 ,12:05:16,581 [main- MongoDBConfiguration.java-479] Database user Name mentioned in configuration name: admin

INFO 04-05-2017 ,12:05:16,582 [main- MongoDBConfiguration.java-508] Database password mentioned in configuration name: admin123

INFO 04-05-2017 ,12:05:16,585 [main- MongoDBConfiguration.java-271] The FileReader handler ServConfigFileReader attached with the file MongoDBConfiguration.cfg is successfully closed

INFO 04-05-2017 ,12:05:16,585 [main- MongoDBConfiguration.java-287] The BufferedReader object br is succesfully closed

INFO 04-05-2017 ,12:05:16,603 [main- MongoDBHandler.java-43] HostIP is : 192.168.226.134

INFO 04-05-2017 ,12:05:16,617 [main- MongoDBHandler.java-44] Host Port is : 27017

INFO 04-05-2017 ,12:05:16,618 [main- MongoDBHandler.java-45] Database Name is: newServerApplicationDB

INFO 04-05-2017 ,12:05:16,618 [main- MongoDBHandler.java-46] User Name is: admin

INFO 04-05-2017 ,12:05:16,620 [main- MongoDBHandler.java-47] Password is: admin123

DEBUG 04-05-2017 ,12:05:16,717 [main- MongoDBHandler.java-78] The mongoclientInstance is created succssfully

DEBUG 04-05-2017 ,12:05:16,722 [main- MongoDBHandler.java-85] The admin database is successfuly accessed

INFO 04-05-2017 ,12:05:16,783 [main- MongoDBHandler.java-92] Database authentication is successful

INFO 04-05-2017 ,12:05:16,783 [main- MongoDBHandler.java-99] The connection to database newServerApplicationDB is done successfully

INFO 04-05-2017 ,12:05:16,789 [main- MongoDBHandler.java-107] The tables present in the database are following:

INFO 04-05-2017 ,12:05:16,791 [main- MongoDBHandler.java-110] system.indexes

INFO 04-05-2017 ,12:05:16,793 [main- MongoDBHandler.java-110] uniqueIDCard2

INFO 04-05-2017 ,12:05:16,793 [main- MongoDBTester.java-18] fetchSpecificRowsWhereBasicQueryDetails is called

INFO 04-05-2017 ,12:05:16,804 [main- MongoDBTester.java-25] { "\_id" : { "$oid" : "5908ca7113b48ea31b242b6c"} , "Name" : "Sayak" , "id" : 1.0 , "Age" : 23.0 , "Gender" : "M"}

**Log printed in log file:**

INFO 04-05-2017 ,12:05:16,603 [main- MongoDBHandler.java-43] HostIP is : 192.168.226.134

INFO 04-05-2017 ,12:05:16,617 [main- MongoDBHandler.java-44] Host Port is : 27017

INFO 04-05-2017 ,12:05:16,618 [main- MongoDBHandler.java-45] Database Name is: newServerApplicationDB

INFO 04-05-2017 ,12:05:16,618 [main- MongoDBHandler.java-46] User Name is: admin

INFO 04-05-2017 ,12:05:16,620 [main- MongoDBHandler.java-47] Password is: admin123

DEBUG 04-05-2017 ,12:05:16,717 [main- MongoDBHandler.java-78] The mongoclientInstance is created succssfully

DEBUG 04-05-2017 ,12:05:16,722 [main- MongoDBHandler.java-85] The admin database is successfuly accessed

INFO 04-05-2017 ,12:05:16,783 [main- MongoDBHandler.java-92] Database authentication is successful

INFO 04-05-2017 ,12:05:16,783 [main- MongoDBHandler.java-99] The connection to database newServerApplicationDB is done successfully

INFO 04-05-2017 ,12:05:16,789 [main- MongoDBHandler.java-107] The tables present in the database are following:

INFO 04-05-2017 ,12:05:16,791 [main- MongoDBHandler.java-110] system.indexes

INFO 04-05-2017 ,12:05:16,793 [main- MongoDBHandler.java-110] uniqueIDCard2

INFO 04-05-2017 ,12:05:16,793 [main- MongoDBTester.java-18] fetchSpecificRowsWhereBasicQueryDetails is called

INFO 04-05-2017 ,12:05:16,804 [main- MongoDBTester.java-25] { "\_id" : { "$oid" : "5908ca7113b48ea31b242b6c"} , "Name" : "Sayak" , "id" : 1.0 , "Age" : 23.0 , "Gender" : "M"}

**Why so? Because, we set the following things:**

**<SizeBasedTriggeringPolicy size="4 KB" />**

And,

**<DefaultRolloverStrategy max="2" />**

The log which is generated during 2nd query, makes the total log more than 4kb, So, a log file is created in ‘logs’ archive, Now, in the configuration file, we mentioned the archive name as logs and filepattern name in archive as app-%d{MM-dd-yyyy}-%i.log

Now, %d{MM-dd-yyyy} prints date. So, if today is 04-05-2017, it will print 05-04-2017.

And %i prints the counter.

SInce, it’s the first log in archive, the couter will be 1

**Now, contents of the first file in archive:**

INFO 04-05-2017 ,13:06:50,240 [main- MongoDBConfiguration.java-562] The IPaddress is a valid address

INFO 04-05-2017 ,13:06:50,240 [main- MongoDBConfiguration.java-326] The Database Host IPAddress :192.168.226.134 is set successfully

INFO 04-05-2017 ,13:06:50,241 [main- MongoDBConfiguration.java-394] The host port 27017 is set successfully

INFO 04-05-2017 ,13:06:50,245 [main- MongoDBConfiguration.java-441] Database Name mentioned in configuration name: newServerApplicationDB

INFO 04-05-2017 ,13:06:50,245 [main- MongoDBConfiguration.java-479] Database user Name mentioned in configuration name: admin

INFO 04-05-2017 ,13:06:50,245 [main- MongoDBConfiguration.java-508] Database password mentioned in configuration name: admin123

INFO 04-05-2017 ,13:06:50,246 [main- MongoDBConfiguration.java-271] The FileReader handler ServConfigFileReader attached with the file MongoDBConfiguration.cfg is successfully closed

INFO 04-05-2017 ,13:06:50,246 [main- MongoDBConfiguration.java-287] The BufferedReader object br is succesfully closed

INFO 04-05-2017 ,13:06:50,251 [main- MongoDBHandler.java-43] HostIP is : 192.168.226.134

INFO 04-05-2017 ,13:06:50,251 [main- MongoDBHandler.java-44] Host Port is : 27017

INFO 04-05-2017 ,13:06:50,252 [main- MongoDBHandler.java-45] Database Name is: newServerApplicationDB

INFO 04-05-2017 ,13:06:50,252 [main- MongoDBHandler.java-46] User Name is: admin

INFO 04-05-2017 ,13:06:50,252 [main- MongoDBHandler.java-47] Password is: admin123

DEBUG 04-05-2017 ,13:06:50,359 [main- MongoDBHandler.java-78] The mongoclientInstance is created succssfully

DEBUG 04-05-2017 ,13:06:50,377 [main- MongoDBHandler.java-85] The admin database is successfuly accessed

INFO 04-05-2017 ,13:06:50,455 [main- MongoDBHandler.java-92] Database authentication is successful

INFO 04-05-2017 ,13:06:50,455 [main- MongoDBHandler.java-99] The connection to database newServerApplicationDB is done successfully

INFO 04-05-2017 ,13:06:50,462 [main- MongoDBHandler.java-107] The tables present in the database are following:

INFO 04-05-2017 ,13:06:50,467 [main- MongoDBHandler.java-110] system.indexes

INFO 04-05-2017 ,13:06:50,467 [main- MongoDBHandler.java-110] uniqueIDCard2

INFO 04-05-2017 ,13:06:50,468 [main- MongoDBTester.java-18] fetchSpecificRowsWhereNotEqualToQueryDetails is called

INFO 04-05-2017 ,13:06:50,474 [main- MongoDBTester.java-28] { "\_id" : { "$oid" : "5908ca7113b48ea31b242b6c"} , "Name" : "Sayak" , "id" : 1.0 , "Age" : 23.0 , "Gender" : "M"}

INFO 04-05-2017 ,13:06:50,475 [main- MongoDBTester.java-28] { "\_id" : { "$oid" : "5908cac413b48ea31b242b6d"} , "Name" : "Suman" , "id" : 2.0 , "Age" : 24.0 , "Gender" : "M"}

DEBUG 04-05-2017 ,13:09:53,341 [main- DebugSignalHandler.java-12] listen To function is called of DebugSignalHandler

INFO 04-05-2017 ,13:09:53,350 [main- MongoDBConfiguration.java-184] Configuration name= hostIP Configuration value= 192.168.226.134

INFO 04-05-2017 ,13:09:53,352 [main- MongoDBConfiguration.java-562] The IPaddress is a valid address

INFO 04-05-2017 ,13:09:53,352 [main- MongoDBConfiguration.java-326] The Database Host IPAddress :192.168.226.134 is set successfully

INFO 04-05-2017 ,13:09:53,353 [main- MongoDBConfiguration.java-394] The host port 27017 is set successfully

INFO 04-05-2017 ,13:09:53,358 [main- MongoDBConfiguration.java-441] Database Name mentioned in configuration name: newServerApplicationDB

INFO 04-05-2017 ,13:09:53,359 [main- MongoDBConfiguration.java-479] Database user Name mentioned in configuration name: admin

INFO 04-05-2017 ,13:09:53,360 [main- MongoDBConfiguration.java-508] Database password mentioned in configuration name: admin123

INFO 04-05-2017 ,13:09:53,360 [main- MongoDBConfiguration.java-271] The FileReader handler ServConfigFileReader attached with the file MongoDBConfiguration.cfg is successfully closed

INFO 04-05-2017 ,13:09:53,360 [main- MongoDBConfiguration.java-287] The BufferedReader object br is succesfully closed

**Third query result in the console:**

DEBUG 04-05-2017 ,12:28:06,063 [main- DebugSignalHandler.java-12] listen To function is called of DebugSignalHandler

INFO 04-05-2017 ,12:28:06,072 [main- MongoDBConfiguration.java-184] Configuration name= hostIP Configuration value= 192.168.226.134

INFO 04-05-2017 ,12:28:06,074 [main- MongoDBConfiguration.java-562] The IPaddress is a valid address

INFO 04-05-2017 ,12:28:06,075 [main- MongoDBConfiguration.java-326] The Database Host IPAddress :192.168.226.134 is set successfully

INFO 04-05-2017 ,12:28:06,080 [main- MongoDBConfiguration.java-394] The host port 27017 is set successfully

INFO 04-05-2017 ,12:28:06,080 [main- MongoDBConfiguration.java-441] Database Name mentioned in configuration name: newServerApplicationDB

INFO 04-05-2017 ,12:28:06,080 [main- MongoDBConfiguration.java-479] Database user Name mentioned in configuration name: admin

INFO 04-05-2017 ,12:28:06,082 [main- MongoDBConfiguration.java-508] Database password mentioned in configuration name: admin123

INFO 04-05-2017 ,12:28:06,083 [main- MongoDBConfiguration.java-271] The FileReader handler ServConfigFileReader attached with the file MongoDBConfiguration.cfg is successfully closed

INFO 04-05-2017 ,12:28:06,084 [main- MongoDBConfiguration.java-287] The BufferedReader object br is succesfully closed

INFO 04-05-2017 ,12:28:06,094 [main- MongoDBHandler.java-43] HostIP is : 192.168.226.134

INFO 04-05-2017 ,12:28:06,094 [main- MongoDBHandler.java-44] Host Port is : 27017

INFO 04-05-2017 ,12:28:06,094 [main- MongoDBHandler.java-45] Database Name is: newServerApplicationDB

INFO 04-05-2017 ,12:28:06,094 [main- MongoDBHandler.java-46] User Name is: admin

INFO 04-05-2017 ,12:28:06,095 [main- MongoDBHandler.java-47] Password is: admin123

DEBUG 04-05-2017 ,12:28:06,228 [main- MongoDBHandler.java-78] The mongoclientInstance is created succssfully

DEBUG 04-05-2017 ,12:28:06,232 [main- MongoDBHandler.java-85] The admin database is successfuly accessed

INFO 04-05-2017 ,12:28:06,298 [main- MongoDBHandler.java-92] Database authentication is successful

INFO 04-05-2017 ,12:28:06,299 [main- MongoDBHandler.java-99] The connection to database newServerApplicationDB is done successfully

INFO 04-05-2017 ,12:28:06,304 [main- MongoDBHandler.java-107] The tables present in the database are following:

INFO 04-05-2017 ,12:28:06,305 [main- MongoDBHandler.java-110] system.indexes

INFO 04-05-2017 ,12:28:06,307 [main- MongoDBHandler.java-110] uniqueIDCard2

INFO 04-05-2017 ,12:28:06,308 [main- MongoDBTester.java-18] fetchSpecificRowsWhereBasicQueryDetails is called

INFO 04-05-2017 ,12:28:06,319 [main- MongoDBTester.java-25] { "\_id" : { "$oid" : "5908ca7113b48ea31b242b6c"} , "Name" : "Sayak" , "id" : 1.0 , "Age" : 23.0 , "Gender" : "M"}

**Third query result in the main log file:**

DEBUG 04-05-2017 ,12:28:06,063 [main- DebugSignalHandler.java-12] listen To function is called of DebugSignalHandler

INFO 04-05-2017 ,12:28:06,072 [main- MongoDBConfiguration.java-184] Configuration name= hostIP Configuration value= 192.168.226.134

INFO 04-05-2017 ,12:28:06,074 [main- MongoDBConfiguration.java-562] The IPaddress is a valid address

INFO 04-05-2017 ,12:28:06,075 [main- MongoDBConfiguration.java-326] The Database Host IPAddress :192.168.226.134 is set successfully

INFO 04-05-2017 ,12:28:06,080 [main- MongoDBConfiguration.java-394] The host port 27017 is set successfully

INFO 04-05-2017 ,12:28:06,080 [main- MongoDBConfiguration.java-441] Database Name mentioned in configuration name: newServerApplicationDB

INFO 04-05-2017 ,12:28:06,080 [main- MongoDBConfiguration.java-479] Database user Name mentioned in configuration name: admin

INFO 04-05-2017 ,12:28:06,082 [main- MongoDBConfiguration.java-508] Database password mentioned in configuration name: admin123

INFO 04-05-2017 ,12:28:06,083 [main- MongoDBConfiguration.java-271] The FileReader handler ServConfigFileReader attached with the file MongoDBConfiguration.cfg is successfully closed

INFO 04-05-2017 ,12:28:06,084 [main- MongoDBConfiguration.java-287] The BufferedReader object br is succesfully closed

INFO 04-05-2017 ,12:28:06,094 [main- MongoDBHandler.java-43] HostIP is : 192.168.226.134

INFO 04-05-2017 ,12:28:06,094 [main- MongoDBHandler.java-44] Host Port is : 27017

INFO 04-05-2017 ,12:28:06,094 [main- MongoDBHandler.java-45] Database Name is: newServerApplicationDB

INFO 04-05-2017 ,12:28:06,094 [main- MongoDBHandler.java-46] User Name is: admin

INFO 04-05-2017 ,12:28:06,095 [main- MongoDBHandler.java-47] Password is: admin123

DEBUG 04-05-2017 ,12:28:06,228 [main- MongoDBHandler.java-78] The mongoclientInstance is created succssfully

DEBUG 04-05-2017 ,12:28:06,232 [main- MongoDBHandler.java-85] The admin database is successfuly accessed

INFO 04-05-2017 ,12:28:06,298 [main- MongoDBHandler.java-92] Database authentication is successful

INFO 04-05-2017 ,12:28:06,299 [main- MongoDBHandler.java-99] The connection to database newServerApplicationDB is done successfully

INFO 04-05-2017 ,12:28:06,304 [main- MongoDBHandler.java-107] The tables present in the database are following:

INFO 04-05-2017 ,12:28:06,305 [main- MongoDBHandler.java-110] system.indexes

INFO 04-05-2017 ,12:28:06,307 [main- MongoDBHandler.java-110] uniqueIDCard2

INFO 04-05-2017 ,12:28:06,308 [main- MongoDBTester.java-18] fetchSpecificRowsWhereBasicQueryDetails is called

INFO 04-05-2017 ,12:28:06,319 [main- MongoDBTester.java-25] { "\_id" : { "$oid" : "5908ca7113b48ea31b242b6c"} , "Name" : "Sayak" , "id" : 1.0 , "Age" : 23.0 , "Gender" : "M"}

[root@localhost MongoDBAccessor]# vi NewMongoDBAccessor.log

INFO 04-05-2017 ,12:05:16,603 [main- MongoDBHandler.java-43] HostIP is : 192.168.226.134

INFO 04-05-2017 ,12:05:16,617 [main- MongoDBHandler.java-44] Host Port is : 27017

INFO 04-05-2017 ,12:05:16,618 [main- MongoDBHandler.java-45] Database Name is: newServerApplicationDB

INFO 04-05-2017 ,12:05:16,618 [main- MongoDBHandler.java-46] User Name is: admin

INFO 04-05-2017 ,12:05:16,620 [main- MongoDBHandler.java-47] Password is: admin123

DEBUG 04-05-2017 ,12:05:16,717 [main- MongoDBHandler.java-78] The mongoclientInstance is created succssfully

DEBUG 04-05-2017 ,12:05:16,722 [main- MongoDBHandler.java-85] The admin database is successfuly accessed

INFO 04-05-2017 ,12:05:16,783 [main- MongoDBHandler.java-92] Database authentication is successful

INFO 04-05-2017 ,12:05:16,783 [main- MongoDBHandler.java-99] The connection to database newServerApplicationDB is done successfully

INFO 04-05-2017 ,12:05:16,789 [main- MongoDBHandler.java-107] The tables present in the database are following:

INFO 04-05-2017 ,12:05:16,791 [main- MongoDBHandler.java-110] system.indexes

INFO 04-05-2017 ,12:05:16,793 [main- MongoDBHandler.java-110] uniqueIDCard2

INFO 04-05-2017 ,12:05:16,793 [main- MongoDBTester.java-18] fetchSpecificRowsWhereBasicQueryDetails is called

INFO 04-05-2017 ,12:05:16,804 [main- MongoDBTester.java-25] { "\_id" : { "$oid" : "5908ca7113b48ea31b242b6c"} , "Name" : "Sayak" , "id" : 1.0 , "Age" : 23.0 , "Gender" : "M"}

DEBUG 04-05-2017 ,12:28:06,063 [main- DebugSignalHandler.java-12] listen To function is called of DebugSignalHandler

INFO 04-05-2017 ,12:28:06,072 [main- MongoDBConfiguration.java-184] Configuration name= hostIP Configuration value= 192.168.226.134

INFO 04-05-2017 ,12:28:06,074 [main- MongoDBConfiguration.java-562] The IPaddress is a valid address

INFO 04-05-2017 ,12:28:06,075 [main- MongoDBConfiguration.java-326] The Database Host IPAddress :192.168.226.134 is set successfully

INFO 04-05-2017 ,12:28:06,080 [main- MongoDBConfiguration.java-394] The host port 27017 is set successfully

INFO 04-05-2017 ,12:28:06,080 [main- MongoDBConfiguration.java-441] Database Name mentioned in configuration name: newServerApplicationDB

INFO 04-05-2017 ,12:28:06,080 [main- MongoDBConfiguration.java-479] Database user Name mentioned in configuration name: admin

INFO 04-05-2017 ,12:28:06,082 [main- MongoDBConfiguration.java-508] Database password mentioned in configuration name: admin123

INFO 04-05-2017 ,12:28:06,083 [main- MongoDBConfiguration.java-271] The FileReader handler ServConfigFileReader attached with the file MongoDBConfiguration.cfg is successfully closed

INFO 04-05-2017 ,12:28:06,084 [main- MongoDBConfiguration.java-287] The BufferedReader object br is succesfully closed

INFO 04-05-2017 ,12:28:06,094 [main- MongoDBHandler.java-43] HostIP is : 192.168.226.134

INFO 04-05-2017 ,12:28:06,094 [main- MongoDBHandler.java-44] Host Port is : 27017

INFO 04-05-2017 ,12:28:06,094 [main- MongoDBHandler.java-45] Database Name is: newServerApplicationDB

INFO 04-05-2017 ,12:28:06,094 [main- MongoDBHandler.java-46] User Name is: admin

INFO 04-05-2017 ,12:28:06,095 [main- MongoDBHandler.java-47] Password is: admin123

DEBUG 04-05-2017 ,12:28:06,228 [main- MongoDBHandler.java-78] The mongoclientInstance is created succssfully

DEBUG 04-05-2017 ,12:28:06,232 [main- MongoDBHandler.java-85] The admin database is successfuly accessed

INFO 04-05-2017 ,12:28:06,298 [main- MongoDBHandler.java-92] Database authentication is successful

INFO 04-05-2017 ,12:28:06,299 [main- MongoDBHandler.java-99] The connection to database newServerApplicationDB is done successfully

INFO 04-05-2017 ,12:28:06,304 [main- MongoDBHandler.java-107] The tables present in the database are following:

INFO 04-05-2017 ,12:28:06,305 [main- MongoDBHandler.java-110] system.indexes

INFO 04-05-2017 ,12:28:06,307 [main- MongoDBHandler.java-110] uniqueIDCard2

INFO 04-05-2017 ,12:28:06,308 [main- MongoDBTester.java-18] fetchSpecificRowsWhereBasicQueryDetails is called

INFO 04-05-2017 ,12:28:06,319 [main- MongoDBTester.java-25] { "\_id" : { "$oid" : "5908ca7113b48ea31b242b6c"} , "Name" : "Sayak" , "id" : 1.0 , "Age" : 23.0 , "Gender" : "M"}

No additional log file is generated.

**After fourth query the log generated in console:**

DEBUG 04-05-2017 ,12:39:23,650 [main- DebugSignalHandler.java-12] listen To function is called of DebugSignalHandler

INFO 04-05-2017 ,12:39:23,665 [main- MongoDBConfiguration.java-184] Configuration name= hostIP Configuration value= 192.168.226.134

INFO 04-05-2017 ,12:39:23,666 [main- MongoDBConfiguration.java-562] The IPaddress is a valid address

INFO 04-05-2017 ,12:39:23,667 [main- MongoDBConfiguration.java-326] The Database Host IPAddress :192.168.226.134 is set successfully

INFO 04-05-2017 ,12:39:23,668 [main- MongoDBConfiguration.java-394] The host port 27017 is set successfully

INFO 04-05-2017 ,12:39:23,668 [main- MongoDBConfiguration.java-441] Database Name mentioned in configuration name: newServerApplicationDB

INFO 04-05-2017 ,12:39:23,669 [main- MongoDBConfiguration.java-479] Database user Name mentioned in configuration name: admin

INFO 04-05-2017 ,12:39:23,671 [main- MongoDBConfiguration.java-508] Database password mentioned in configuration name: admin123

INFO 04-05-2017 ,12:39:23,673 [main- MongoDBConfiguration.java-271] The FileReader handler ServConfigFileReader attached with the file MongoDBConfiguration.cfg is successfully closed

INFO 04-05-2017 ,12:39:23,673 [main- MongoDBConfiguration.java-287] The BufferedReader object br is succesfully closed

INFO 04-05-2017 ,12:39:23,697 [main- MongoDBHandler.java-43] HostIP is : 192.168.226.134

INFO 04-05-2017 ,12:39:23,698 [main- MongoDBHandler.java-44] Host Port is : 27017

INFO 04-05-2017 ,12:39:23,698 [main- MongoDBHandler.java-45] Database Name is: newServerApplicationDB

INFO 04-05-2017 ,12:39:23,699 [main- MongoDBHandler.java-46] User Name is: admin

INFO 04-05-2017 ,12:39:23,704 [main- MongoDBHandler.java-47] Password is: admin123

DEBUG 04-05-2017 ,12:39:23,829 [main- MongoDBHandler.java-78] The mongoclientInstance is created succssfully

DEBUG 04-05-2017 ,12:39:23,832 [main- MongoDBHandler.java-85] The admin database is successfuly accessed

INFO 04-05-2017 ,12:39:23,899 [main- MongoDBHandler.java-92] Database authentication is successful

INFO 04-05-2017 ,12:39:23,901 [main- MongoDBHandler.java-99] The connection to database newServerApplicationDB is done successfully

INFO 04-05-2017 ,12:39:23,909 [main- MongoDBHandler.java-107] The tables present in the database are following:

INFO 04-05-2017 ,12:39:23,910 [main- MongoDBHandler.java-110] system.indexes

INFO 04-05-2017 ,12:39:23,914 [main- MongoDBHandler.java-110] uniqueIDCard2

INFO 04-05-2017 ,12:39:23,914 [main- MongoDBTester.java-18] fetchSpecificRowsWhereBasicQueryDetails is called

INFO 04-05-2017 ,12:39:23,926 [main- MongoDBTester.java-25] { "\_id" : { "$oid" : "5908ca7113b48ea31b242b6c"} , "Name" : "Sayak" , "id" : 1.0 , "Age" : 23.0 , "Gender" : "M"}

**The log generated in file:**

DEBUG 04-05-2017 ,12:39:23,650 [main- DebugSignalHandler.java-12] listen To function is called of DebugSignalHandler

INFO 04-05-2017 ,12:39:23,665 [main- MongoDBConfiguration.java-184] Configuration name= hostIP Configuration value= 192.168.226.134

INFO 04-05-2017 ,12:39:23,666 [main- MongoDBConfiguration.java-562] The IPaddress is a valid address

INFO 04-05-2017 ,12:39:23,667 [main- MongoDBConfiguration.java-326] The Database Host IPAddress :192.168.226.134 is set successfully

INFO 04-05-2017 ,12:39:23,668 [main- MongoDBConfiguration.java-394] The host port 27017 is set successfully

INFO 04-05-2017 ,12:39:23,668 [main- MongoDBConfiguration.java-441] Database Name mentioned in configuration name: newServerApplicationDB

INFO 04-05-2017 ,12:39:23,669 [main- MongoDBConfiguration.java-479] Database user Name mentioned in configuration name: admin

INFO 04-05-2017 ,12:39:23,671 [main- MongoDBConfiguration.java-508] Database password mentioned in configuration name: admin123

INFO 04-05-2017 ,12:39:23,673 [main- MongoDBConfiguration.java-271] The FileReader handler ServConfigFileReader attached with the file MongoDBConfiguration.cfg is successfully closed

INFO 04-05-2017 ,12:39:23,673 [main- MongoDBConfiguration.java-287] The BufferedReader object br is succesfully closed

INFO 04-05-2017 ,12:39:23,697 [main- MongoDBHandler.java-43] HostIP is : 192.168.226.134

INFO 04-05-2017 ,12:39:23,698 [main- MongoDBHandler.java-44] Host Port is : 27017

INFO 04-05-2017 ,12:39:23,698 [main- MongoDBHandler.java-45] Database Name is: newServerApplicationDB

INFO 04-05-2017 ,12:39:23,699 [main- MongoDBHandler.java-46] User Name is: admin

INFO 04-05-2017 ,12:39:23,704 [main- MongoDBHandler.java-47] Password is: admin123

DEBUG 04-05-2017 ,12:39:23,829 [main- MongoDBHandler.java-78] The mongoclientInstance is created succssfully

DEBUG 04-05-2017 ,12:39:23,832 [main- MongoDBHandler.java-85] The admin database is successfuly accessed

INFO 04-05-2017 ,12:39:23,899 [main- MongoDBHandler.java-92] Database authentication is successful

INFO 04-05-2017 ,12:39:23,901 [main- MongoDBHandler.java-99] The connection to database newServerApplicationDB is done successfully

INFO 04-05-2017 ,12:39:23,909 [main- MongoDBHandler.java-107] The tables present in the database are following:

INFO 04-05-2017 ,12:39:23,910 [main- MongoDBHandler.java-110] system.indexes

INFO 04-05-2017 ,12:39:23,914 [main- MongoDBHandler.java-110] uniqueIDCard2

INFO 04-05-2017 ,12:39:23,914 [main- MongoDBTester.java-18] fetchSpecificRowsWhereBasicQueryDetails is called

INFO 04-05-2017 ,12:39:23,926 [main- MongoDBTester.java-25] { "\_id" : { "$oid" : "5908ca7113b48ea31b242b6c"} , "Name" : "Sayak" , "id" : 1.0 , "Age" : 23.0 , "Gender" : "M"}

**And a second log file is generated in logs folder:**

INFO 04-05-2017 ,12:05:16,620 [main- MongoDBHandler.java-47] Password is: admin123

DEBUG 04-05-2017 ,12:05:16,717 [main- MongoDBHandler.java-78] The mongoclientInstance is created succssfully

DEBUG 04-05-2017 ,12:05:16,722 [main- MongoDBHandler.java-85] The admin database is successfuly accessed

INFO 04-05-2017 ,12:05:16,783 [main- MongoDBHandler.java-92] Database authentication is successful

INFO 04-05-2017 ,12:05:16,783 [main- MongoDBHandler.java-99] The connection to database newServerApplicationDB is done successfully

INFO 04-05-2017 ,12:05:16,789 [main- MongoDBHandler.java-107] The tables present in the database are following:

INFO 04-05-2017 ,12:05:16,791 [main- MongoDBHandler.java-110] system.indexes

INFO 04-05-2017 ,12:05:16,793 [main- MongoDBHandler.java-110] uniqueIDCard2

INFO 04-05-2017 ,12:05:16,793 [main- MongoDBTester.java-18] fetchSpecificRowsWhereBasicQueryDetails is called

INFO 04-05-2017 ,12:05:16,804 [main- MongoDBTester.java-25] { "\_id" : { "$oid" : "5908ca7113b48ea31b242b6c"} , "Name" : "Sayak" , "id" : 1.0 , "Age" : 23.0 , "Gender" : "M"}

DEBUG 04-05-2017 ,12:28:06,063 [main- DebugSignalHandler.java-12] listen To function is called of DebugSignalHandler

INFO 04-05-2017 ,12:28:06,072 [main- MongoDBConfiguration.java-184] Configuration name= hostIP Configuration value= 192.168.226.134

INFO 04-05-2017 ,12:28:06,074 [main- MongoDBConfiguration.java-562] The IPaddress is a valid address

INFO 04-05-2017 ,12:28:06,075 [main- MongoDBConfiguration.java-326] The Database Host IPAddress :192.168.226.134 is set successfully

INFO 04-05-2017 ,12:28:06,080 [main- MongoDBConfiguration.java-394] The host port 27017 is set successfully

INFO 04-05-2017 ,12:28:06,080 [main- MongoDBConfiguration.java-441] Database Name mentioned in configuration name: newServerApplicationDB

INFO 04-05-2017 ,12:28:06,080 [main- MongoDBConfiguration.java-479] Database user Name mentioned in configuration name: admin

INFO 04-05-2017 ,12:28:06,082 [main- MongoDBConfiguration.java-508] Database password mentioned in configuration name: admin123

INFO 04-05-2017 ,12:28:06,083 [main- MongoDBConfiguration.java-271] The FileReader handler ServConfigFileReader attached with the file MongoDBConfiguration.cfg is successfully closed

INFO 04-05-2017 ,12:28:06,084 [main- MongoDBConfiguration.java-287] The BufferedReader object br is succesfully closed

INFO 04-05-2017 ,12:28:06,094 [main- MongoDBHandler.java-43] HostIP is : 192.168.226.134

INFO 04-05-2017 ,12:28:06,094 [main- MongoDBHandler.java-44] Host Port is : 27017

INFO 04-05-2017 ,12:28:06,094 [main- MongoDBHandler.java-45] Database Name is: newServerApplicationDB

INFO 04-05-2017 ,12:28:06,094 [main- MongoDBHandler.java-46] User Name is: admin

INFO 04-05-2017 ,12:28:06,095 [main- MongoDBHandler.java-47] Password is: admin123

DEBUG 04-05-2017 ,12:28:06,228 [main- MongoDBHandler.java-78] The mongoclientInstance is created succssfully

DEBUG 04-05-2017 ,12:28:06,232 [main- MongoDBHandler.java-85] The admin database is successfuly accessed

INFO 04-05-2017 ,12:28:06,298 [main- MongoDBHandler.java-92] Database authentication is successful

INFO 04-05-2017 ,12:28:06,299 [main- MongoDBHandler.java-99] The connection to database newServerApplicationDB is done successfully

INFO 04-05-2017 ,12:28:06,304 [main- MongoDBHandler.java-107] The tables present in the database are following:

INFO 04-05-2017 ,12:28:06,305 [main- MongoDBHandler.java-110] system.indexes

INFO 04-05-2017 ,12:28:06,307 [main- MongoDBHandler.java-110] uniqueIDCard2

INFO 04-05-2017 ,12:28:06,308 [main- MongoDBTester.java-18] fetchSpecificRowsWhereBasicQueryDetails is called

INFO 04-05-2017 ,12:28:06,319 [main- MongoDBTester.java-25] { "\_id" : { "$oid" : "5908ca7113b48ea31b242b6c"} , "Name" : "Sayak" , "id" : 1.0 , "Age" : 23.0 , "Gender" : "M"}

**Now, again I executed the same query as fifth query:**

**It prints the following in the console:**

DEBUG 04-05-2017 ,12:50:43,615 [main- DebugSignalHandler.java-12] listen To function is called of DebugSignalHandler

INFO 04-05-2017 ,12:50:43,625 [main- MongoDBConfiguration.java-184] Configuration name= hostIP Configuration value= 192.168.226.134

INFO 04-05-2017 ,12:50:43,626 [main- MongoDBConfiguration.java-562] The IPaddress is a valid address

INFO 04-05-2017 ,12:50:43,626 [main- MongoDBConfiguration.java-326] The Database Host IPAddress :192.168.226.134 is set successfully

INFO 04-05-2017 ,12:50:43,627 [main- MongoDBConfiguration.java-394] The host port 27017 is set successfully

INFO 04-05-2017 ,12:50:43,632 [main- MongoDBConfiguration.java-441] Database Name mentioned in configuration name: newServerApplicationDB

INFO 04-05-2017 ,12:50:43,633 [main- MongoDBConfiguration.java-479] Database user Name mentioned in configuration name: admin

INFO 04-05-2017 ,12:50:43,635 [main- MongoDBConfiguration.java-508] Database password mentioned in configuration name: admin123

INFO 04-05-2017 ,12:50:43,635 [main- MongoDBConfiguration.java-271] The FileReader handler ServConfigFileReader attached with the file MongoDBConfiguration.cfg is successfully closed

INFO 04-05-2017 ,12:50:43,635 [main- MongoDBConfiguration.java-287] The BufferedReader object br is succesfully closed

INFO 04-05-2017 ,12:50:43,644 [main- MongoDBHandler.java-43] HostIP is : 192.168.226.134

INFO 04-05-2017 ,12:50:43,644 [main- MongoDBHandler.java-44] Host Port is : 27017

INFO 04-05-2017 ,12:50:43,645 [main- MongoDBHandler.java-45] Database Name is: newServerApplicationDB

INFO 04-05-2017 ,12:50:43,653 [main- MongoDBHandler.java-46] User Name is: admin

INFO 04-05-2017 ,12:50:43,658 [main- MongoDBHandler.java-47] Password is: admin123

DEBUG 04-05-2017 ,12:50:43,789 [main- MongoDBHandler.java-78] The mongoclientInstance is created succssfully

DEBUG 04-05-2017 ,12:50:43,793 [main- MongoDBHandler.java-85] The admin database is successfuly accessed

INFO 04-05-2017 ,12:50:43,890 [main- MongoDBHandler.java-92] Database authentication is successful

INFO 04-05-2017 ,12:50:43,890 [main- MongoDBHandler.java-99] The connection to database newServerApplicationDB is done successfully

INFO 04-05-2017 ,12:50:43,896 [main- MongoDBHandler.java-107] The tables present in the database are following:

INFO 04-05-2017 ,12:50:43,897 [main- MongoDBHandler.java-110] system.indexes

INFO 04-05-2017 ,12:50:43,899 [main- MongoDBHandler.java-110] uniqueIDCard2

INFO 04-05-2017 ,12:50:43,900 [main- MongoDBTester.java-18] fetchSpecificRowsWhereBasicQueryDetails is called

INFO 04-05-2017 ,12:50:43,919 [main- MongoDBTester.java-25] { "\_id" : { "$oid" : "5908ca7113b48ea31b242b6c"} , "Name" : "Sayak" , "id" : 1.0 , "Age" : 23.0 , "Gender" : "M"}

**It prints the following in file:**

INFO 04-05-2017 ,12:50:43,645 [main- MongoDBHandler.java-45] Database Name is: newServerApplicationDB

INFO 04-05-2017 ,12:50:43,653 [main- MongoDBHandler.java-46] User Name is: admin

INFO 04-05-2017 ,12:50:43,658 [main- MongoDBHandler.java-47] Password is: admin123

DEBUG 04-05-2017 ,12:50:43,789 [main- MongoDBHandler.java-78] The mongoclientInstance is created succssfully

DEBUG 04-05-2017 ,12:50:43,793 [main- MongoDBHandler.java-85] The admin database is successfuly accessed

INFO 04-05-2017 ,12:50:43,890 [main- MongoDBHandler.java-92] Database authentication is successful

INFO 04-05-2017 ,12:50:43,890 [main- MongoDBHandler.java-99] The connection to database newServerApplicationDB is done successfully

INFO 04-05-2017 ,12:50:43,896 [main- MongoDBHandler.java-107] The tables present in the database are following:

INFO 04-05-2017 ,12:50:43,897 [main- MongoDBHandler.java-110] system.indexes

INFO 04-05-2017 ,12:50:43,899 [main- MongoDBHandler.java-110] uniqueIDCard2

INFO 04-05-2017 ,12:50:43,900 [main- MongoDBTester.java-18] fetchSpecificRowsWhereBasicQueryDetails is called

INFO 04-05-2017 ,12:50:43,919 [main- MongoDBTester.java-25] { "\_id" : { "$oid" : "5908ca7113b48ea31b242b6c"} , "Name" : "Sayak" , "id" : 1.0 , "Age" : 23.0 , "Gender" : "M"}

**And Now, we need to check archive files to actually pretend the behaviour of append=true**

INFO 04-05-2017 ,13:09:53,372 [main- MongoDBHandler.java-43] HostIP is : 192.168.226.134

INFO 04-05-2017 ,13:09:53,378 [main- MongoDBHandler.java-44] Host Port is : 27017

INFO 04-05-2017 ,13:09:53,379 [main- MongoDBHandler.java-45] Database Name is: newServerApplicationDB

INFO 04-05-2017 ,13:09:53,379 [main- MongoDBHandler.java-46] User Name is: admin

INFO 04-05-2017 ,13:09:53,385 [main- MongoDBHandler.java-47] Password is: admin123

DEBUG 04-05-2017 ,13:09:53,507 [main- MongoDBHandler.java-78] The mongoclientInstance is created succssfully

DEBUG 04-05-2017 ,13:09:53,514 [main- MongoDBHandler.java-85] The admin database is successfuly accessed

INFO 04-05-2017 ,13:09:53,575 [main- MongoDBHandler.java-92] Database authentication is successful

INFO 04-05-2017 ,13:09:53,575 [main- MongoDBHandler.java-99] The connection to database newServerApplicationDB is done successfully

INFO 04-05-2017 ,13:09:53,579 [main- MongoDBHandler.java-107] The tables present in the database are following:

INFO 04-05-2017 ,13:09:53,580 [main- MongoDBHandler.java-110] system.indexes

INFO 04-05-2017 ,13:09:53,582 [main- MongoDBHandler.java-110] uniqueIDCard2

INFO 04-05-2017 ,13:09:53,583 [main- MongoDBTester.java-18] fetchSpecificRowsWhereBasicQueryDetails is called

INFO 04-05-2017 ,13:09:53,599 [main- MongoDBTester.java-25] { "\_id" : { "$oid" : "5908ca7113b48ea31b242b6c"} , "Name" : "Sayak" , "id" : 1.0 , "Age" : 23.0 , "Gender" : "M"}

DEBUG 04-05-2017 ,13:15:48,074 [main- DebugSignalHandler.java-12] listen To function is called of DebugSignalHandler

INFO 04-05-2017 ,13:15:48,084 [main- MongoDBConfiguration.java-184] Configuration name= hostIP Configuration value= 192.168.226.134

INFO 04-05-2017 ,13:15:48,085 [main- MongoDBConfiguration.java-562] The IPaddress is a valid address

INFO 04-05-2017 ,13:15:48,086 [main- MongoDBConfiguration.java-326] The Database Host IPAddress :192.168.226.134 is set successfully

INFO 04-05-2017 ,13:15:48,091 [main- MongoDBConfiguration.java-394] The host port 27017 is set successfully

INFO 04-05-2017 ,13:15:48,092 [main- MongoDBConfiguration.java-441] Database Name mentioned in configuration name: newServerApplicationDB

INFO 04-05-2017 ,13:15:48,092 [main- MongoDBConfiguration.java-479] Database user Name mentioned in configuration name: admin

INFO 04-05-2017 ,13:15:48,092 [main- MongoDBConfiguration.java-508] Database password mentioned in configuration name: admin123

INFO 04-05-2017 ,13:15:48,093 [main- MongoDBConfiguration.java-271] The FileReader handler ServConfigFileReader attached with the file MongoDBConfiguration.cfg is successfully closed

INFO 04-05-2017 ,13:15:48,094 [main- MongoDBConfiguration.java-287] The BufferedReader object br is succesfully closed

INFO 04-05-2017 ,13:15:48,103 [main- MongoDBHandler.java-43] HostIP is : 192.168.226.134

INFO 04-05-2017 ,13:15:48,104 [main- MongoDBHandler.java-44] Host Port is : 27017

INFO 04-05-2017 ,13:15:48,104 [main- MongoDBHandler.java-45] Database Name is: newServerApplicationDB

INFO 04-05-2017 ,13:15:48,105 [main- MongoDBHandler.java-46] User Name is: admin

INFO 04-05-2017 ,13:15:48,105 [main- MongoDBHandler.java-47] Password is: admin123

DEBUG 04-05-2017 ,13:15:48,259 [main- MongoDBHandler.java-78] The mongoclientInstance is created succssfully

DEBUG 04-05-2017 ,13:15:48,262 [main- MongoDBHandler.java-85] The admin database is successfuly accessed

INFO 04-05-2017 ,13:15:48,324 [main- MongoDBHandler.java-92] Database authentication is successful

INFO 04-05-2017 ,13:15:48,324 [main- MongoDBHandler.java-99] The connection to database newServerApplicationDB is done successfully

INFO 04-05-2017 ,13:15:48,329 [main- MongoDBHandler.java-107] The tables present in the database are following:

INFO 04-05-2017 ,13:15:48,330 [main- MongoDBHandler.java-110] system.indexes

You will see, the content of the first file in archive is changed.

For instance, Now, the first few lines of the file is:

**INFO 04-05-2017 ,13:09:53,372 [main- MongoDBHandler.java-43] HostIP is : 192.168.226.134**

**INFO 04-05-2017 ,13:09:53,378 [main- MongoDBHandler.java-44] Host Port is : 27017**

And, before it, the first few lines of the file is:

**INFO 04-05-2017 ,13:06:50,240 [main- MongoDBConfiguration.java-562] The IPaddress is a valid address**

**INFO 04-05-2017 ,13:06:50,240 [main- MongoDBConfiguration.java-326]**

**Now, I executed a sixth query:**

DEBUG 04-05-2017 ,18:35:09,553 [main- DebugSignalHandler.java-12] listen To function is called of DebugSignalHandler

INFO 04-05-2017 ,18:35:09,566 [main- MongoDBConfiguration.java-184] Configuration name= hostIP Configuration value= 192.168.226.134

INFO 04-05-2017 ,18:35:09,567 [main- MongoDBConfiguration.java-562] The IPaddress is a valid address

INFO 04-05-2017 ,18:35:09,568 [main- MongoDBConfiguration.java-326] The Database Host IPAddress :192.168.226.134 is set successfully

INFO 04-05-2017 ,18:35:09,570 [main- MongoDBConfiguration.java-394] The host port 27017 is set successfully

INFO 04-05-2017 ,18:35:09,573 [main- MongoDBConfiguration.java-441] Database Name mentioned in configuration name: newServerApplicationDB

INFO 04-05-2017 ,18:35:09,574 [main- MongoDBConfiguration.java-479] Database user Name mentioned in configuration name: admin

INFO 04-05-2017 ,18:35:09,576 [main- MongoDBConfiguration.java-508] Database password mentioned in configuration name: admin123

INFO 04-05-2017 ,18:35:09,578 [main- MongoDBConfiguration.java-271] The FileReader handler ServConfigFileReader attached with the file MongoDBConfiguration.cfg is successfully closed

INFO 04-05-2017 ,18:35:09,578 [main- MongoDBConfiguration.java-287] The BufferedReader object br is succesfully closed

INFO 04-05-2017 ,18:35:09,587 [main- MongoDBHandler.java-43] HostIP is : 192.168.226.134

INFO 04-05-2017 ,18:35:09,588 [main- MongoDBHandler.java-44] Host Port is : 27017

INFO 04-05-2017 ,18:35:09,589 [main- MongoDBHandler.java-45] Database Name is: newServerApplicationDB

INFO 04-05-2017 ,18:35:09,589 [main- MongoDBHandler.java-46] User Name is: admin

INFO 04-05-2017 ,18:35:09,590 [main- MongoDBHandler.java-47] Password is: admin123

DEBUG 04-05-2017 ,18:35:09,727 [main- MongoDBHandler.java-78] The mongoclientInstance is created succssfully

DEBUG 04-05-2017 ,18:35:09,731 [main- MongoDBHandler.java-85] The admin database is successfuly accessed

INFO 04-05-2017 ,18:35:09,819 [main- MongoDBHandler.java-92] Database authentication is successful

INFO 04-05-2017 ,18:35:09,820 [main- MongoDBHandler.java-99] The connection to database newServerApplicationDB is done successfully

INFO 04-05-2017 ,18:35:09,836 [main- MongoDBHandler.java-107] The tables present in the database are following:

INFO 04-05-2017 ,18:35:09,839 [main- MongoDBHandler.java-110] system.indexes

INFO 04-05-2017 ,18:35:09,849 [main- MongoDBHandler.java-110] uniqueIDCard2

INFO 04-05-2017 ,18:35:09,851 [main- MongoDBTester.java-18] fetchSpecificRowsWhereNotEqualToQueryDetails is called

INFO 04-05-2017 ,18:35:09,950 [main- MongoDBTester.java-25] { "\_id" : { "$oid" : "5908cac413b48ea31b242b6d"} , "Name" : "Suman" , "id" : 2.0 , "Age" : 24.0 , "Gender" : "M"}

INFO 04-05-2017 ,18:35:09,951 [main- MongoDBTester.java-25] { "\_id" : { "$oid" : "5908cad213b48ea31b242b6e"} , "Name" : "Saptarsha" , "id" : 3.0 , "Age" : 22.0 , "Gender" : "M"}

INFO 04-05-2017 ,18:35:09,951 [main- MongoDBTester.java-25] { "\_id" : { "$oid" : "5908cae113b48ea31b242b6f"} , "Name" : "Sayantan" , "id" : 4.0 , "Age" : 25.0 , "Gender" : "M"}

INFO 04-05-2017 ,18:35:09,962 [main- MongoDBTester.java-25] { "\_id" : { "$oid" : "5908caef13b48ea31b242b70"} , "Name" : "Saptarshi" , "id" : 5.0 , "Age" : 26.0 , "Gender" : "M"}

INFO 04-05-2017 ,18:35:09,963 [main- MongoDBTester.java-25] { "\_id" : { "$oid" : "5908cbe913b48ea31b242b71"} , "Name" : "Sritama" , "id" : 6.0 , "Age" : 29.0 , "Gender" : "F"}

**And the things printed in main log file:**

INFO 04-05-2017 ,18:35:09,951 [main- MongoDBTester.java-25] { "\_id" : { "$oid" : "5908cae113b48ea31b242b6f"} , "Name" : "Sayantan" , "id" : 4.0 , "Age" : 25.0 , "Gender" : "M"}

INFO 04-05-2017 ,18:35:09,962 [main- MongoDBTester.java-25] { "\_id" : { "$oid" : "5908caef13b48ea31b242b70"} , "Name" : "Saptarshi" , "id" : 5.0 , "Age" : 26.0 , "Gender" : "M"}

INFO 04-05-2017 ,18:35:09,963 [main- MongoDBTester.java-25] { "\_id" : { "$oid" : "5908cbe913b48ea31b242b71"} , "Name" : "Sritama" , "id" : 6.0 , "Age" : 29.0 , "Gender" : "F"}

**Now, app-05-04-2017-1.log becomes like this:**

INFO 04-05-2017 ,13:15:54,346 [main- MongoDBConfiguration.java-562] The IPaddress is a valid address

INFO 04-05-2017 ,13:15:54,346 [main- MongoDBConfiguration.java-326] The Database Host IPAddress :192.168.226.134 is set successfully

INFO 04-05-2017 ,13:15:54,347 [main- MongoDBConfiguration.java-394] The host port 27017 is set successfully

INFO 04-05-2017 ,13:15:54,348 [main- MongoDBConfiguration.java-441] Database Name mentioned in configuration name: newServerApplicationDB

INFO 04-05-2017 ,13:15:54,349 [main- MongoDBConfiguration.java-479] Database user Name mentioned in configuration name: admin

INFO 04-05-2017 ,13:15:54,352 [main- MongoDBConfiguration.java-508] Database password mentioned in configuration name: admin123

INFO 04-05-2017 ,13:15:54,352 [main- MongoDBConfiguration.java-271] The FileReader handler ServConfigFileReader attached with the file MongoDBConfiguration.cfg is successfully closed

INFO 04-05-2017 ,13:15:54,353 [main- MongoDBConfiguration.java-287] The BufferedReader object br is succesfully closed

INFO 04-05-2017 ,13:15:54,367 [main- MongoDBHandler.java-43] HostIP is : 192.168.226.134

INFO 04-05-2017 ,13:15:54,367 [main- MongoDBHandler.java-44] Host Port is : 27017

INFO 04-05-2017 ,13:15:54,368 [main- MongoDBHandler.java-45] Database Name is: newServerApplicationDB

INFO 04-05-2017 ,13:15:54,368 [main- MongoDBHandler.java-46] User Name is: admin

INFO 04-05-2017 ,13:15:54,373 [main- MongoDBHandler.java-47] Password is: admin123

DEBUG 04-05-2017 ,13:15:54,509 [main- MongoDBHandler.java-78] The mongoclientInstance is created succssfully

DEBUG 04-05-2017 ,13:15:54,512 [main- MongoDBHandler.java-85] The admin database is successfuly accessed

INFO 04-05-2017 ,13:15:54,561 [main- MongoDBHandler.java-92] Database authentication is successful

INFO 04-05-2017 ,13:15:54,562 [main- MongoDBHandler.java-99] The connection to database newServerApplicationDB is done successfully

INFO 04-05-2017 ,13:15:54,570 [main- MongoDBHandler.java-107] The tables present in the database are following:

INFO 04-05-2017 ,13:15:54,570 [main- MongoDBHandler.java-110] system.indexes

INFO 04-05-2017 ,13:15:54,572 [main- MongoDBHandler.java-110] uniqueIDCard2

INFO 04-05-2017 ,13:15:54,573 [main- MongoDBTester.java-18] fetchSpecificRowsWhereBasicQueryDetails is called

INFO 04-05-2017 ,13:15:54,595 [main- MongoDBTester.java-25] { "\_id" : { "$oid" : "5908ca7113b48ea31b242b6c"} , "Name" : "Sayak" , "id" : 1.0 , "Age" : 23.0 , "Gender" : "M"}

DEBUG 04-05-2017 ,13:17:22,371 [main- DebugSignalHandler.java-12] listen To function is called of DebugSignalHandler

INFO 04-05-2017 ,13:17:22,382 [main- MongoDBConfiguration.java-184] Configuration name= hostIP Configuration value= 192.168.226.134

INFO 04-05-2017 ,13:17:22,383 [main- MongoDBConfiguration.java-562] The IPaddress is a valid address

INFO 04-05-2017 ,13:17:22,384 [main- MongoDBConfiguration.java-326] The Database Host IPAddress :192.168.226.134 is set successfully

INFO 04-05-2017 ,13:17:22,386 [main- MongoDBConfiguration.java-394] The host port 27017 is set successfully

INFO 04-05-2017 ,13:17:22,389 [main- MongoDBConfiguration.java-441] Database Name mentioned in configuration name: newServerApplicationDB

INFO 04-05-2017 ,13:17:22,391 [main- MongoDBConfiguration.java-479] Database user Name mentioned in configuration name: admin

INFO 04-05-2017 ,13:17:22,391 [main- MongoDBConfiguration.java-508] Database password mentioned in configuration name: admin123

INFO 04-05-2017 ,13:17:22,391 [main- MongoDBConfiguration.java-271] The FileReader handler ServConfigFileReader attached with the file MongoDBConfiguration.cfg is successfully closed

INFO 04-05-2017 ,13:17:22,391 [main- MongoDBConfiguration.java-287] The BufferedReader object br is succesfully closed

INFO 04-05-2017 ,13:17:22,401 [main- MongoDBHandler.java-43] HostIP is : 192.168.226.134

INFO 04-05-2017 ,13:17:22,401 [main- MongoDBHandler.java-44] Host Port is : 27017

**And second file app-05-04-2017-2.log looks like:**

INFO 04-05-2017 ,13:17:22,402 [main- MongoDBHandler.java-45] Database Name is: newServerApplicationDB

INFO 04-05-2017 ,13:17:22,411 [main- MongoDBHandler.java-46] User Name is: admin

INFO 04-05-2017 ,13:17:22,416 [main- MongoDBHandler.java-47] Password is: admin123

DEBUG 04-05-2017 ,13:17:22,512 [main- MongoDBHandler.java-78] The mongoclientInstance is created succssfully

DEBUG 04-05-2017 ,13:17:22,515 [main- MongoDBHandler.java-85] The admin database is successfuly accessed

INFO 04-05-2017 ,13:17:22,594 [main- MongoDBHandler.java-92] Database authentication is successful

INFO 04-05-2017 ,13:17:22,594 [main- MongoDBHandler.java-99] The connection to database newServerApplicationDB is done successfully

INFO 04-05-2017 ,13:17:22,601 [main- MongoDBHandler.java-107] The tables present in the database are following:

INFO 04-05-2017 ,13:17:22,604 [main- MongoDBHandler.java-110] system.indexes

INFO 04-05-2017 ,13:17:22,605 [main- MongoDBHandler.java-110] uniqueIDCard2

INFO 04-05-2017 ,13:17:22,606 [main- MongoDBTester.java-18] fetchSpecificRowsWhereBasicQueryDetails is called

INFO 04-05-2017 ,13:17:22,621 [main- MongoDBTester.java-25] { "\_id" : { "$oid" : "5908ca7113b48ea31b242b6c"} , "Name" : "Sayak" , "id" : 1.0 , "Age" : 23.0 , "Gender" : "M"}

DEBUG 04-05-2017 ,18:35:09,553 [main- DebugSignalHandler.java-12] listen To function is called of DebugSignalHandler

INFO 04-05-2017 ,18:35:09,566 [main- MongoDBConfiguration.java-184] Configuration name= hostIP Configuration value= 192.168.226.134

INFO 04-05-2017 ,18:35:09,567 [main- MongoDBConfiguration.java-562] The IPaddress is a valid address

INFO 04-05-2017 ,18:35:09,568 [main- MongoDBConfiguration.java-326] The Database Host IPAddress :192.168.226.134 is set successfully

INFO 04-05-2017 ,18:35:09,570 [main- MongoDBConfiguration.java-394] The host port 27017 is set successfully

INFO 04-05-2017 ,18:35:09,573 [main- MongoDBConfiguration.java-441] Database Name mentioned in configuration name: newServerApplicationDB

INFO 04-05-2017 ,18:35:09,574 [main- MongoDBConfiguration.java-479] Database user Name mentioned in configuration name: admin

INFO 04-05-2017 ,18:35:09,576 [main- MongoDBConfiguration.java-508] Database password mentioned in configuration name: admin123

INFO 04-05-2017 ,18:35:09,578 [main- MongoDBConfiguration.java-271] The FileReader handler ServConfigFileReader attached with the file MongoDBConfiguration.cfg is successfully closed

INFO 04-05-2017 ,18:35:09,578 [main- MongoDBConfiguration.java-287] The BufferedReader object br is succesfully closed

INFO 04-05-2017 ,18:35:09,587 [main- MongoDBHandler.java-43] HostIP is : 192.168.226.134

INFO 04-05-2017 ,18:35:09,588 [main- MongoDBHandler.java-44] Host Port is : 27017

INFO 04-05-2017 ,18:35:09,589 [main- MongoDBHandler.java-45] Database Name is: newServerApplicationDB

INFO 04-05-2017 ,18:35:09,589 [main- MongoDBHandler.java-46] User Name is: admin

INFO 04-05-2017 ,18:35:09,590 [main- MongoDBHandler.java-47] Password is: admin123

DEBUG 04-05-2017 ,18:35:09,727 [main- MongoDBHandler.java-78] The mongoclientInstance is created succssfully

DEBUG 04-05-2017 ,18:35:09,731 [main- MongoDBHandler.java-85] The admin database is successfuly accessed

INFO 04-05-2017 ,18:35:09,819 [main- MongoDBHandler.java-92] Database authentication is successful

INFO 04-05-2017 ,18:35:09,820 [main- MongoDBHandler.java-99] The connection to database newServerApplicationDB is done successfully

INFO 04-05-2017 ,18:35:09,836 [main- MongoDBHandler.java-107] The tables present in the database are following:

INFO 04-05-2017 ,18:35:09,839 [main- MongoDBHandler.java-110] system.indexes

INFO 04-05-2017 ,18:35:09,849 [main- MongoDBHandler.java-110] uniqueIDCard2

INFO 04-05-2017 ,18:35:09,851 [main- MongoDBTester.java-18] fetchSpecificRowsWhereNotEqualToQueryDetails is called

INFO 04-05-2017 ,18:35:09,950 [main- MongoDBTester.java-25] { "\_id" : { "$oid" : "5908cac413b48ea31b242b6d"} , "Name" : "Suman" , "id" : 2.0 , "Age" : 24.0 , "Gender" : "M"}

INFO 04-05-2017 ,18:35:09,951 [main- MongoDBTester.java-25] { "\_id" : { "$oid" : "5908cad213b48ea31b242b6e"} , "Name" : "Saptarsha" , "id" : 3.0 , "Age" : 22.0 , "Gender" : "M"}

**Now, what do you see? When append is true, the log is maintained in the main log file. Now, if size based triggered policy is applied, when the logs go beyond the size of mentioned size, the old logs will be in archive file. Now, Suppose, the following is set <DefaultRolloverStrategy max="2" />. So, when for the first time, the logs go beyond the size of the mentioned size, the old logs went to the archive file 1. If Both archive file 1 and main log file went beyond the normal size, the old logs of main log file will be printed in archive-2-file. Now, what would happen when the main log file as well as the archive files are already full with log? The old logs of the main log file will be appended to the archive file -2, the old logs of archive file 2 will be appended to the archive file-1, and the old logs of archive file -1 will be gone forever.**