Mongo DB installation document for Windows OS: Below installation is done on Windows 10:

1. Download msi file from below link:

https://www.mongodb.org/downloads#production

	Current Stable Release (3.0.7)							
	10/13/2015: Release Notes Chan Download Source: tgz zip	gelog	Windows	A Linux	🗯 Mac OS X	Solaris		
	VERSION: Windows 64-bit 2008 R2+ ▼							
	BINARY: Installation Instructions View 止 DOWNLOAD (msi)	Build Archive						
2	2. Run the msi file				9250 88781 I			
		Welcom 2008R2 The Setup (64 bit) on to exit the	Ne to the M Plus SSL Wizard will inst your computer Setup Wizard.	1ongoDB 3.0.7 (64 bit) Setup V all MongoDB 3.0.7 200 . Click Next to continue	Vizard 8R2Plus SSL a or Cancel			
			Back	Next	Cancel			

Click Next

3. Accept the terms in the License Agreement and select Next

HongoDB 3.0.7 2008R2Plus SSL (64 bit) Setup —		×
End-User License Agreement		
Please read the following license agreement carefully		Y
GNU AFFERO GENERAL PUBLIC LICE	NSE	^
Version 3, 19 November 2007		
Copyright © 2007 Free Software Foundation, Inc. < <u><http: fsf.org=""></http:></u> >		
Everyone is permitted to copy and distribute verbatim copies license document, but changing it is not allowed.	of this	~
☑ I accept the terms in the License Agreement		
Print Back Next	Can	cel
4. Select Complete		×
Choose Setup Type Choose the setup type that best suits your needs		•
Complete All program features will be installed. Requires the most disk space Recommended for most users. Custom Allows users to choose which program features will be installed an they will be installed. Recommended for advanced users.	e. Id where	
Back	Can	rel
Duck	Can	

5. Select Install

😸 MongoDB 3.0.7 2008R2Plus SSL (64 bit) Setup	_		\times
Ready to install MongoDB 3.0.7 2008R2Plus SSL (64 b	bit)		(
Click Install to begin the installation. Click Back to review or change installation settings. Click Cancel to exit the wizard.	any of yo	ur	
Back ♥Instal 6. Wait until you get the finish screen MongoDB 3.0.7 2008R2Plus SSL (64 bit) Setup		Cano	iel 🛛
Installing MongoDB 3.0.7 2008R2Plus SSL (64 bit)			(
Please wait while the Setup Wizard installs MongoDB 3.0.7 2008R2P Status:	lus SSL (64	4 bit).	
Back Ne	ext	Can	cel

i	MongoDB 3.0.7 2008R2Plus	SSL (64 bit) S	etup	_		×	
	Installing MongoDB 3.0).7 2008R2	Plus SSL (64 b	oit)		(
	Please wait while the Setup Wizard installs MongoDB 3.0.7 2008R2Plus SSL (64 bit).						
	Status: Copying new file	es					
			Back	Next	Cano	:el	
劇	7. Click Finish MongoDB 3.0.7 2008R2Plus	SSL (64 bit) S	etup			×	
		Complet 2008R2I	ed the Mong Plus SSL (64	jo <mark>DB 3.0.7</mark> bit) Setup	7 D Wizard	1	
		Click the Fini	sh button to exit	the Setup Wiza	rd.		
			Back	Finish	Canc	el	

- 8. Create folders in C drive: data>db
- 9. Add below path in the environment variable
- 10. Navigate to C:> ProgramFiles>MongoDB>Server>3.0>bin

> This PC > OS (C:) > Program Files > MongoDB > Server > 3.0 > bin					
255		Name ^	Date modified	Туре	Size
	*	📧 bsondump	10/12/2015 10:27	Application	9,553 KB
ts	*	🗟 libeay32.dll	7/14/2015 9:16 PM	Application extens	1,937 KB
łc		🗹 📧 mongo	10/12/2015 10:30	Application	6,343 KB
	<u>_</u>	🔳 mongod	10/12/2015 10:34	Application	14,113 KB

11. Right click and run as administrator: Start the mongo db server

	This PC > OS (C:) > Program Files > MongoDB > Server > 3.0 > bin					
ss		Name ^	Date modified	Туре	Size	
	*	📧 bsondump	10/12/2015 10:27	Application	9,553 KB	
ts	*	libeay32.dll	7/14/2015 9:16 PM	Application extens	1,937 KB	
le.		M 🖬 mongo	10/12/2015 10:30	Application	6,343 KB	
13	*	📧 mongod	10/12/2015 10:34	Application	14,113 KB	

Once you start the server you will see a command prompt saying (1 connection now open)

```
C:\Program Files\MongoDB\Server\3.0\bin\mongod.exe
                                                                         ×
2015-11-05T15:52:54.874-0500 I JOURNAL [initandlisten] recover skipping applica
tion of section seq:0 < lsn:526886
2015-11-05T15:52:55.051-0500 I JOURNAL
                                         [initandlisten] recover cleaning up
                                         [initandlisten] removeJournalFiles
[initandlisten] recover done
2015-11-05T15:52:55.052-0500 I JOURNAL
2015-11-05T15:52:55.055-0500 I JOURNAL
                                         [durability] Durability thread started
2015-11-05T15:52:55.129-0500 I JOURNAL
2015-11-05T15:52:55.131-0500 I JOURNAL
                                         [journal writer] Journal writer thread
tarted
2015-11-05T15:52:55.380-0500 I CONTROL [initandlisten] MongoDB starting : pid=1
1536 port=27017 dbpath=C:\data\db\ 64-bit host=Nisha
2015-11-05T15:52:55.381-0500 I CONTROL [initandlisten] targetMinOS: Windows 7/W
indows Server 2008 R2
2015-11-05T15:52:55.381-0500 I CONTROL [initandlisten] db version v3.0.7
2015-11-05T15:52:55.381-0500 I CONTROL
                                         [initandlisten] git version: 6ce7cbe8c6b
899552dadd907604559806aa2e9bd
2015-11-05T15:52:55.382-0500 I CONTROL [initandlisten] build info: windows sys.
getwindowsversion(major=6, minor=1, build=7601, platform=2, service_pack='Servic
e Pack 1') BOOST_LIB_VERSION=1_49
2015-11-05T15:52:55.383-0500 I CONTROL
                                         [initandlisten] allocator: tcmalloc
2015-11-05T15:52:55.384-0500 I CONTROL
                                         [initandlisten] options: {}
2015-11-05T15:52:56.295-0500 I NETWORK
                                         [initandlisten] waiting for connections
on port 27017
2015-11-05T15:53:16.719-0500 I NETWORK [initandlisten] connection accepted from
 127.0.0.1:17302 #1 (1 connection now open)
```

12. Start the mongo db database: Right Click on Mongo and run it as administration This PC > OS (C:) > Program Files > MongoDB > Server > 3.0 > bin

	Name ^	Date modified	Туре	Size
*	📧 bsondump	10/12/2015 10:27	Application	9,553 KB
	libeay32.dll	7/14/2015 9:16 PM	Application extens	1 937 KB
_	⊠ ∎ mongo	10/12/2015 10:30	Application	6,343 KB
<u>_</u>	📧 mongod	10/12/2015 10:34	Application	14,113 KB

Once your database is started, it will be connected to the test database by default Use command: show dbs \rightarrow it will show you all dbs



MongoDB stores data in the form of Documents, which are JSON-like field –value pairs. Mongo DB Documents are called BSON documents: (Binary representation of JSON) with additional type information.

{	
name: "sue",	field: value
age: 26,	field: value
status: "A",	field: value
<pre>groups: ["news", "sports"]</pre>	
}	

MongoDB stores all documents in collections. A collection is a group of related documents that have a set of shared common indexes. Collections are analogous to a table in relational databases.



C:\Program Files\MongoDB\Server\3.0\bin\mongo.exe

```
MongoDB shell version: 3.0.7
connecting to: test
> show dbs
local 0.078GB
nisha 0.078GB
test 0.078GB
> use nisha1
switched to db nisha1
>
```

Good resource for learning Mongo DB: http://www.tutorialspoint.com/mongodb/mongodb_create_collection.htm

Some basic commands to try:



References: https://docs.mongodb.org/manual/