MongoDB Steps:

* Download the latest 64-bit MSI version of [MongoDB](https://www.mongodb.org/downloads) for Windows.
* Run the installer (.msi file)
* Add it to your **PATH** of environment variables. it Should be from:  
  C:\Program Files\MongoDB\Server\3.0\bin

now Create a “\data\db” folder in **C:/** which is used by *mongodb* to store all data. You should have this folder:

C:\data\db

Note: This is the default directory location expected by mongoDB, don’t create anywhere else

.

Finally, open command prompt and type:

>> mongod

You should see it asking for permissions (allow it) and then listen to a port. After that is done, open another command prompt, leaving the previous one running the server.

Type in the new command prompt

>> mongo

You should see it display the version and connect to a test database.

When you start mongod you're basically saying "start the MongoDB process and run it in the background". mongod has several default parameters, such as storing data in /data/db and running on port 27017. mongo is the command-line shell that connects to a specific instance of mongod

mongod is the primary daemon process for the MongoDB system. It **handles data requests**, manages data access, and performs background management operations.

By default, MongoDB listens for connections from clients on port 27017 , and stores data in the **/data/db directory**. On Windows, this path is on the drive from which you start MongoDB. For example, if you do not specify a --dbpath , starting a MongoDB server on the C:\ drive stores all data files in C:\data\db

Here is a table showing the relation between the terminologies used in RDBMS and MongoDB:

|  |  |
| --- | --- |
| RDBMS | MongoDB |
| Database | Database |
| Table | Collection |
| Tuple or Row | Document |
| Column | Field |
| Table Join | Embedded Documents |
| Primary Key | Primary key / Default key |
| Mysqld / Oracle | mongod |