

# Installing MongoDB and MongoDB Compass

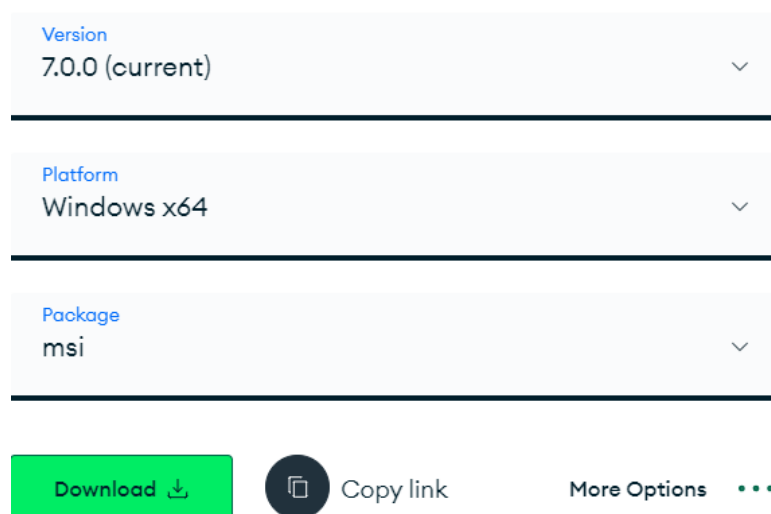
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## On Windows

Here are the steps to install MongoDB on a Windows system:

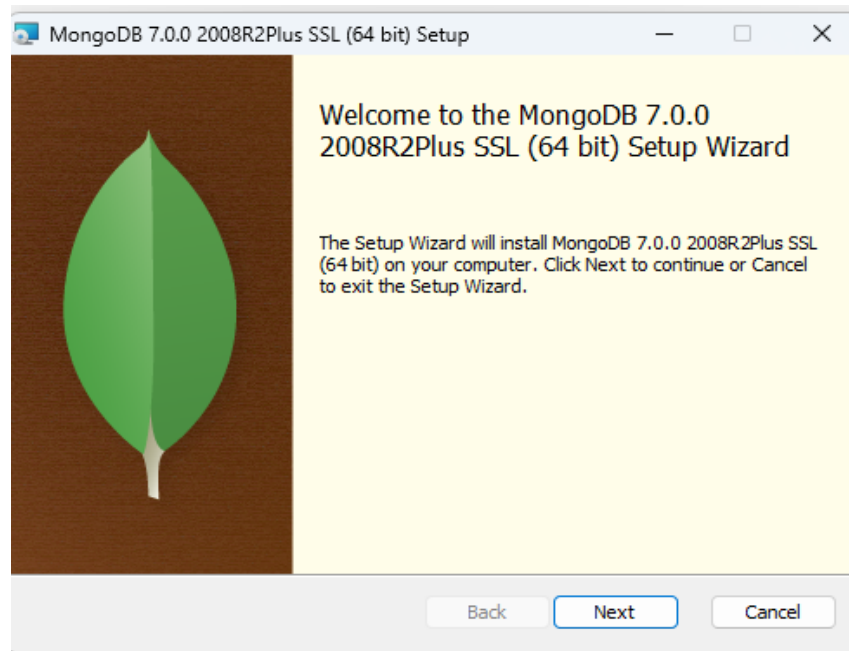
### 1. Download MongoDB:

- a. Go to the official MongoDB website:  
<https://www.mongodb.com/try/download/community>
- b. Select "**Windows**" as your operating system.
- c. Choose the appropriate version (64bit or 32bit) based on your system.
- d. Select the '**msi**' package and click the Download button (as shown in the following figure).

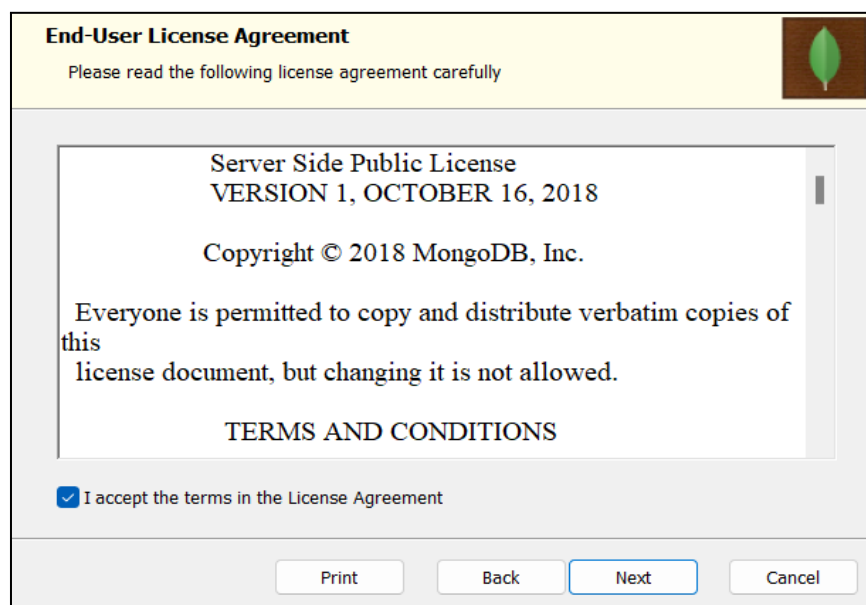


### 2. Install MongoDB:

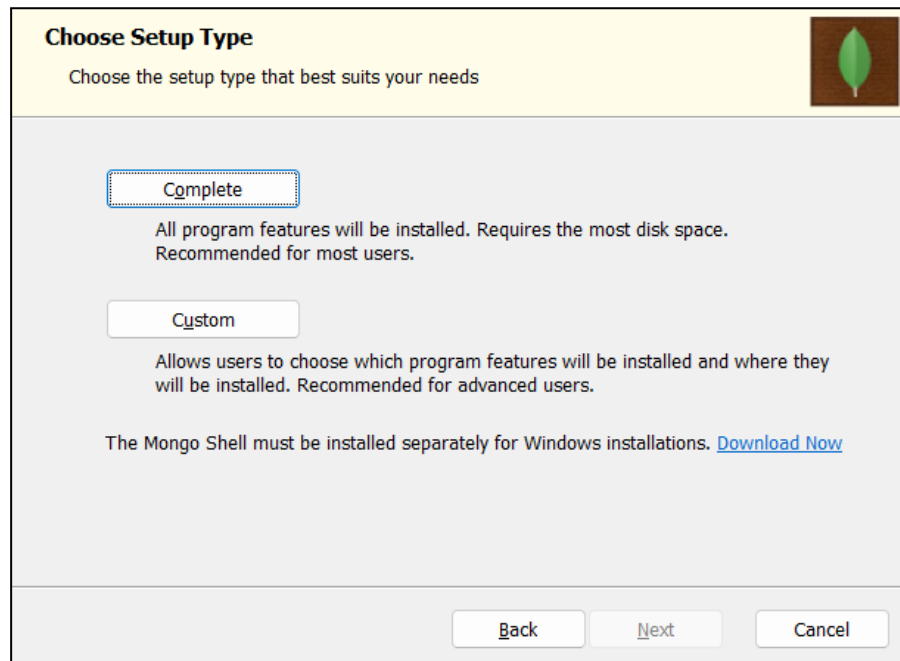
- a. Locate the downloaded installer file and double-click it to run, opening the dialog box (Welcome Screen). Click on **"Next"** to continue the Setup.



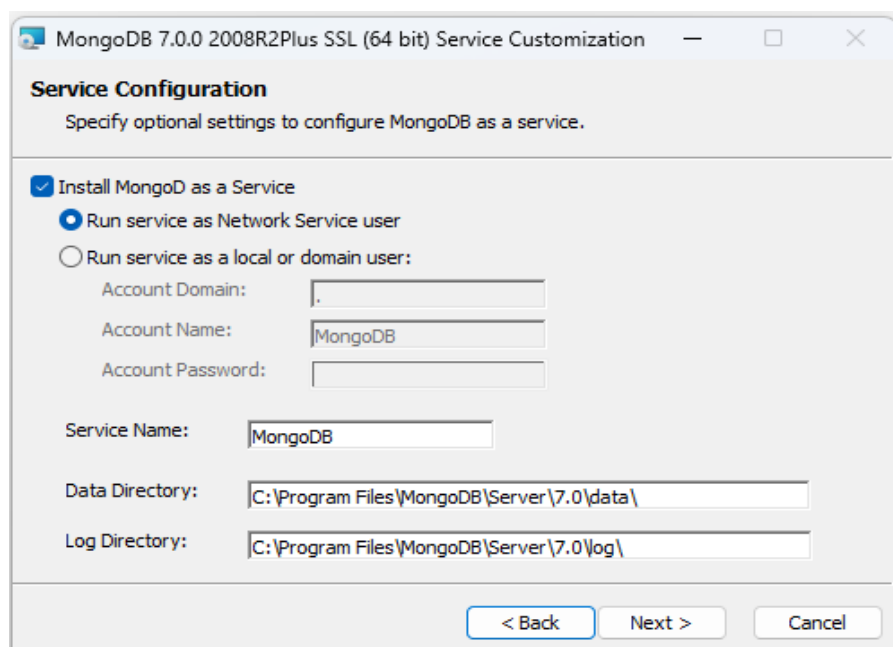
- b. Accept the terms in the license agreement and click **"Next"**.



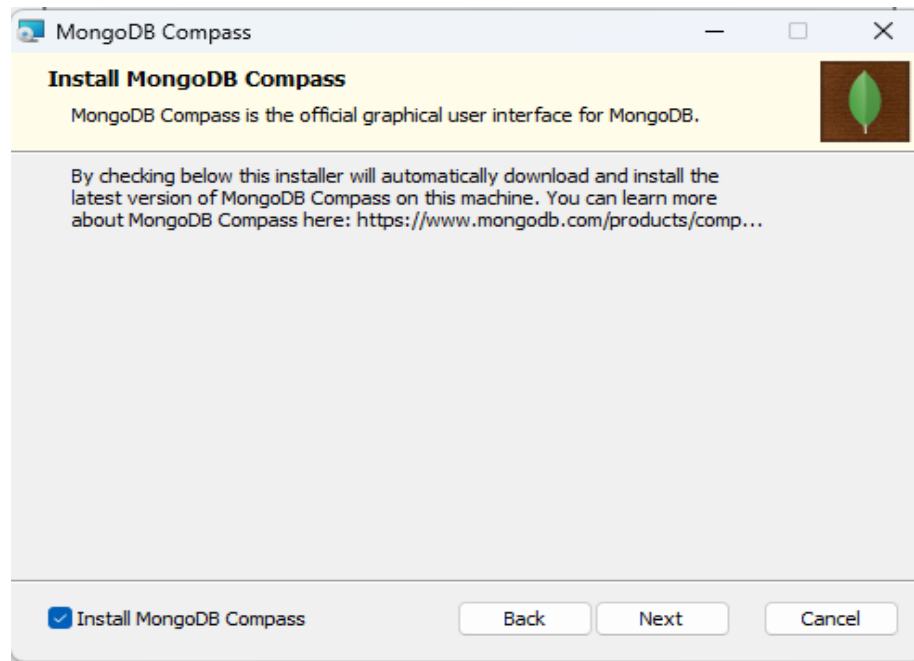
- c. Choose the **"Complete"** setup type and click **"Next"**.



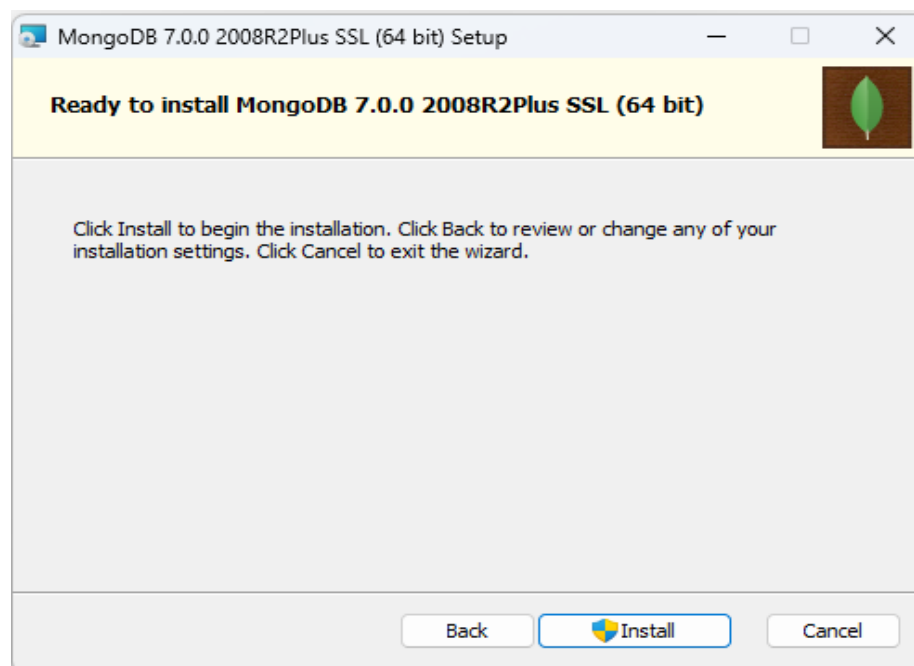
- d. Choose the destination folder for installation or keep the default and choose whether to install MongoDB as a service. It's recommended to install it as a service so it starts automatically with Windows. Then, click **"Next"**.



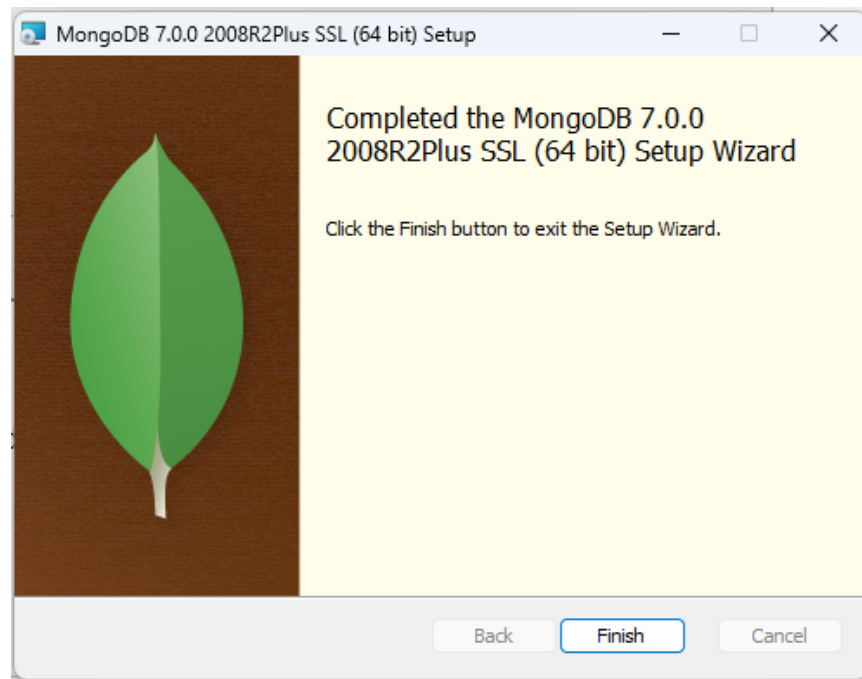
- e. Select **"Install MongoDB Compass"** to install the UI tool for MongoDB (MongoDB compass), then click **"Next"**.



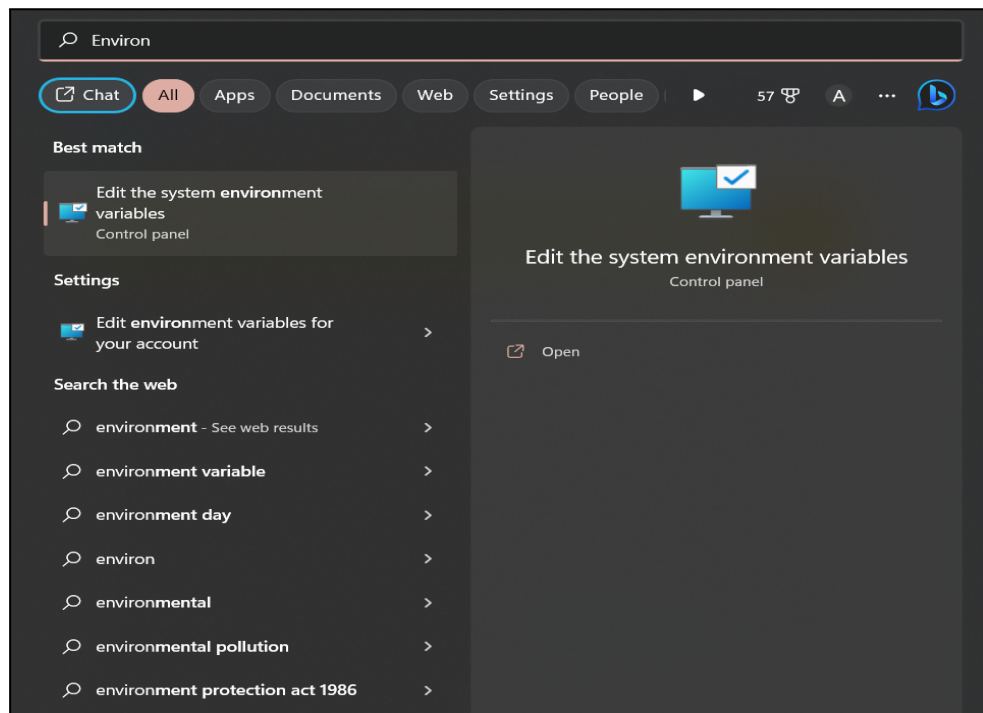
f. Review the installation settings and click **"Install"**.



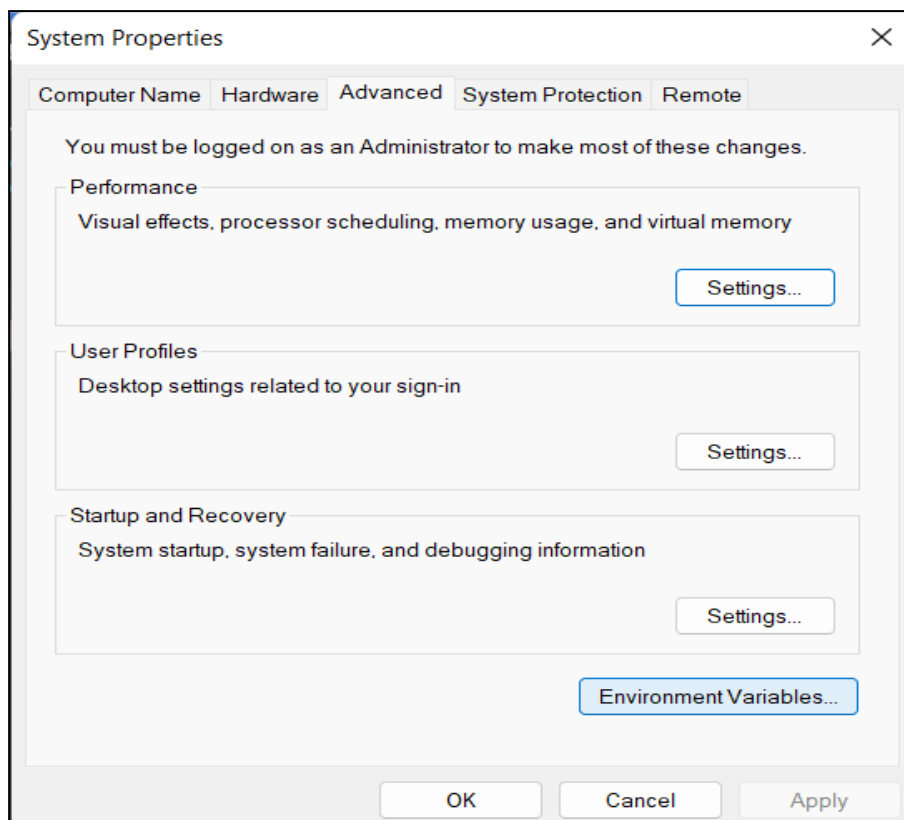
g. Finally, click on **"Finish"** to exit the setup.



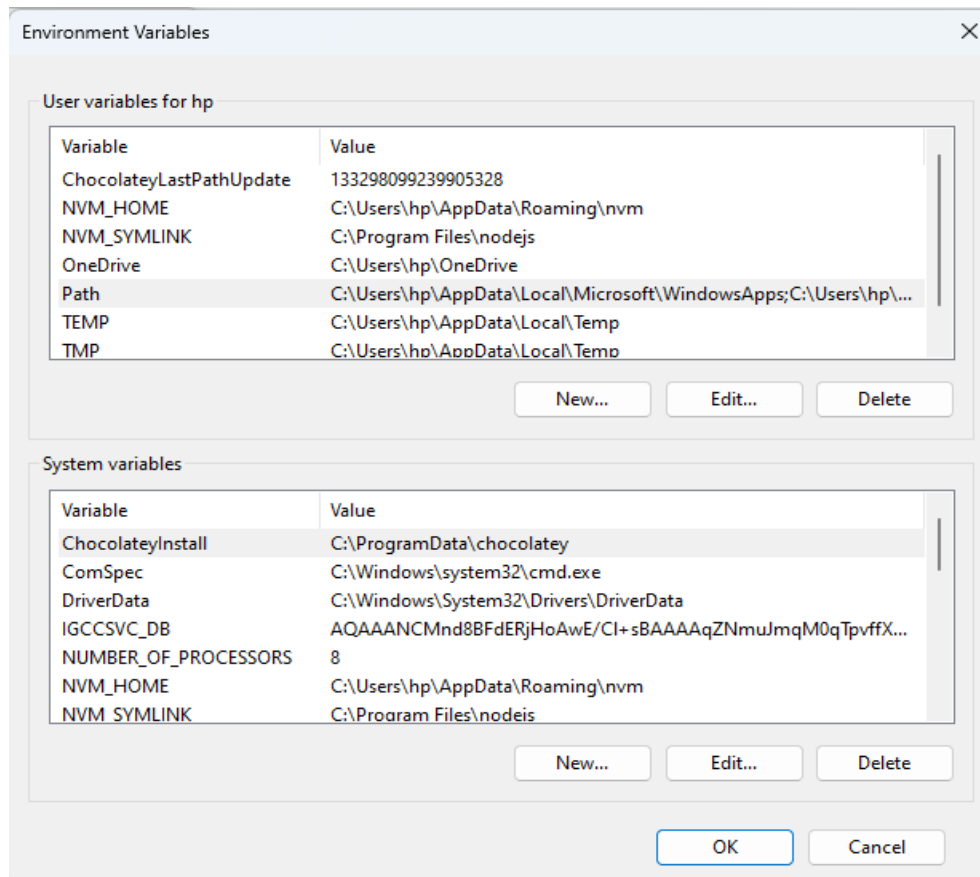
3. Add MongoDB Binaries to System Path (Optional but recommended):
  - a. To run MongoDB commands from the Command Prompt (CMD) or PowerShell from any location, it's a good idea to add the MongoDB binaries to your system's PATH environment variable:  
Search for **"Environment Variables"** in the Windows search bar and open "Edit the system environment variables".



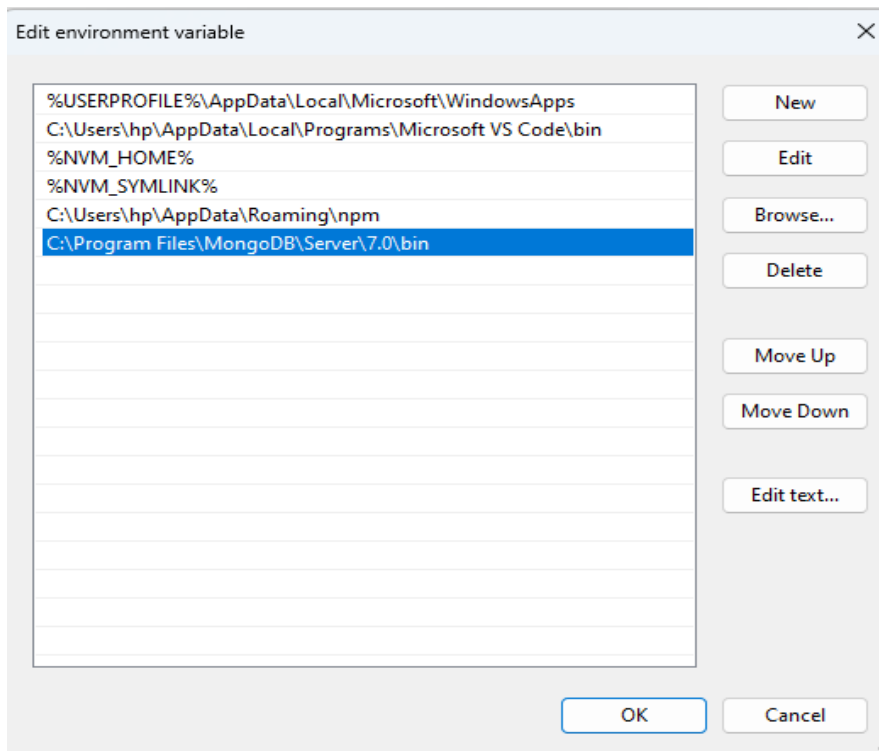
- b. Now, in the system properties window, select the “Environment Variables” option and click OK.



- c. In the Environment Variables (User Variables) window, select “**Path**” and click edit.



- d. Click “**New**” and add the bin path for the installed mongodb in the “Edit environment variable” window.



e. Click "OK" to close the dialogs.

#### 4. Start Using MongoDB:

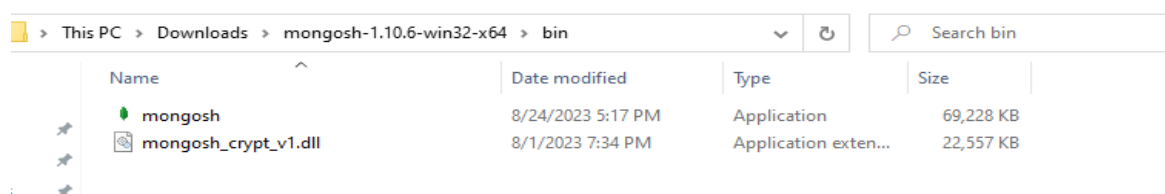
Now, you can use the '**mongod**' command and MongoDB Compass.

### MongoDB Shell installation guide.

This interface empowers users to interact with databases efficiently through command-line interactions.

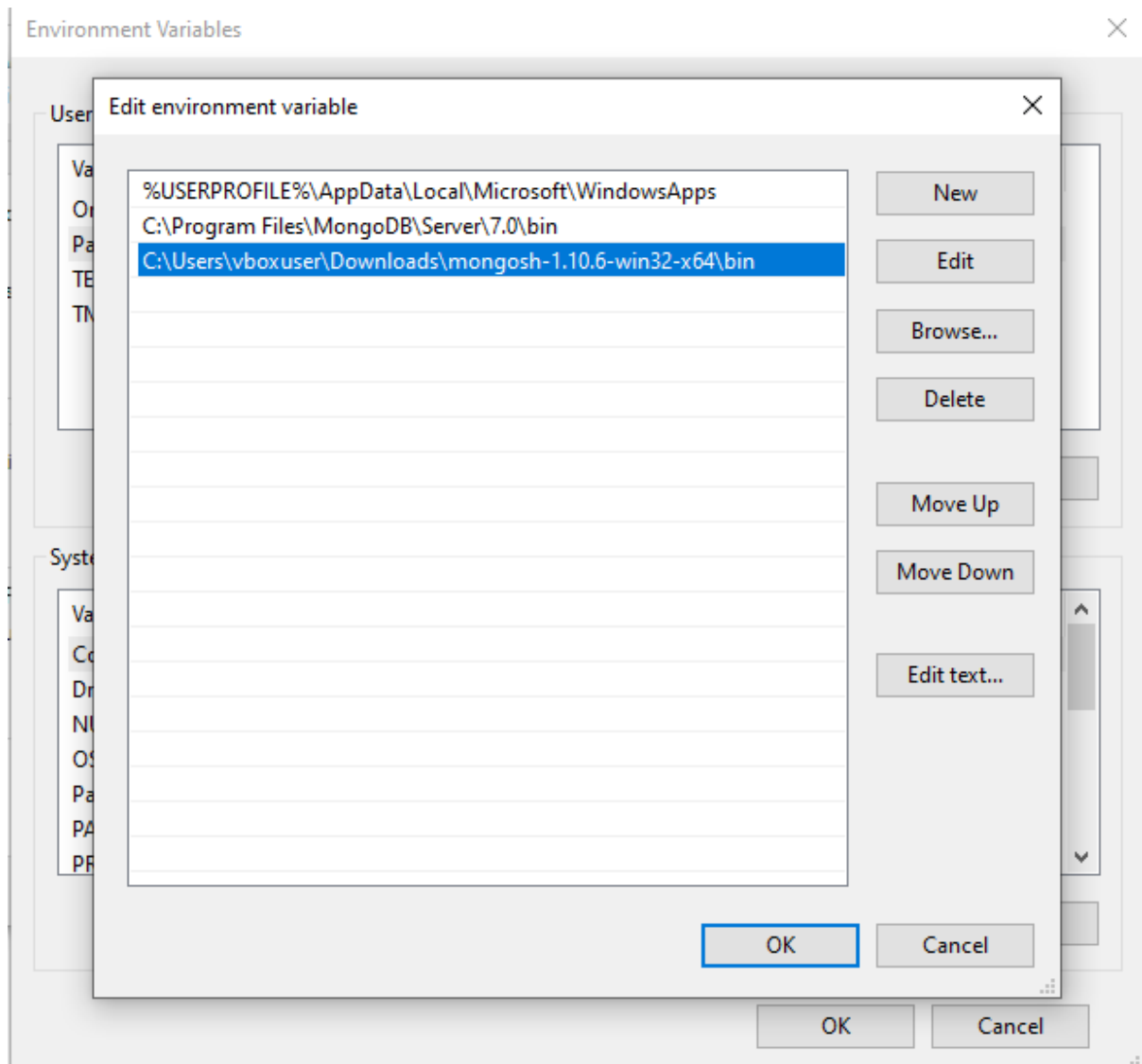
Now, to use the MongoDB shell, follow the given steps:

- a. Download the zip file from  
<https://www.mongodb.com/try/download/shell>
- b. Extract the file.
- c. Now go to the bin directory,





d. Now, as mentioned in step 3 of the installation, add this path to the 'Path' variable



e. Now you can use the mongo shell by typing '**mongosh**' inside Powershell or cmd, and we get the following output as shown in the image below.

```
CA mongosh mongodb://127.0.0.1:27017/?directConnection=true&serverSelectionTimeoutMS=2000
```

```
Microsoft Windows [Version 10.0.19045.2965]
(c) Microsoft Corporation. All rights reserved.
```

```
C:\Users\vboxuser>mongosh
```

```
Current Mongosh Log ID: 64e951025c4cf723e9141c06
```

```
Connecting to:      mongodb://127.0.0.1:27017/?directConnection=true&serverSe
.10.6
```

```
Using MongoDB:      7.0.0
```

```
Using Mongosh:      1.10.6
```

```
For mongosh info see: https://docs.mongodb.com/mongosh-shell/
```

```
-----
The server generated these startup warnings when booting
2023-08-25T17:48:25.112-07:00: Access control is not enabled for the database.
figuration is unrestricted
-----
```

```
test>
```

```
C:\Users\ABHISHEK>mongod
```

```
{ "t": { "$date": "2023-08-06T10:20:12.373+05:30" }, "s": "I", "c": "CONTROL", "id": 23285, "ctx": "-", "msg": "Automatically di
sabling TLS 1.0, to force-enable TLS 1.0 specify --sslDisabledProtocols 'none'" }
{ "t": { "$date": "2023-08-06T10:20:12.374+05:30" }, "s": "I", "c": "NETWORK", "id": 4915701, "ctx": "-", "msg": "Initialized wire
specification", "attr": { "spec": { "incomingExternalClient": { "minWireVersion": 0, "maxWireVersion": 17 }, "incomingInternalClien
t": { "minWireVersion": 0, "maxWireVersion": 17 }, "outgoing": { "minWireVersion": 6, "maxWireVersion": 17 }, "isInternalClient": true }
} }
{ "t": { "$date": "2023-08-06T10:20:12.379+05:30" }, "s": "I", "c": "NETWORK", "id": 4648602, "ctx": "thread1", "msg": "Implicit T
CP FastOpen in use." }
{ "t": { "$date": "2023-08-06T10:20:12.381+05:30" }, "s": "I", "c": "REPL", "id": 5123008, "ctx": "thread1", "msg": "Successful
ly registered PrimaryOnlyService", "attr": { "service": "TenantMigrationDonorService", "namespace": "config.tenantMigrationDon
ors" } }
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ly registered PrimaryOnlyService", "attr": { "service": "TenantMigrationRecipientService", "namespace": "config.tenantMigratio
nRecipients" } }
{ "t": { "$date": "2023-08-06T10:20:12.381+05:30" }, "s": "I", "c": "REPL", "id": 5123008, "ctx": "thread1", "msg": "Successful
ly registered PrimaryOnlyService", "attr": { "service": "ShardSplitDonorService", "namespace": "config.tenantSplitDonors" } }
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ading initialized" }
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oDB starting", "attr": { "pid": 11812, "port": 27017, "dbPath": "C:/data/db/", "architecture": "64-bit", "host": "Fawkees" } }
{ "t": { "$date": "2023-08-06T10:20:12.383+05:30" }, "s": "I", "c": "CONTROL", "id": 23398, "ctx": "initandlisten", "msg": "Targ
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{ "t": { "$date": "2023-08-06T10:20:12.383+05:30" }, "s": "I", "c": "CONTROL", "id": 23403, "ctx": "initandlisten", "msg": "Buil
d Info", "attr": { "buildInfo": { "version": "6.0.8", "gitVersion": "3d84c0dd4e5d99be0d69003652313e7eaf4cdd74", "modules": [], "all
" } } }
```