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| Sprint 15, Assignment 6.6 Please also update the doc name with correct numbers. | |
| Assignment type: JS Interactive | |
| Assignment name  Can remain the same as the assignment topic name, or…  can be phrased in the active/imperative voice(depending on the task), e.g. “Create your own X” | “Install MongoDB” |
| Description  The essential tasks a student must perform in order to complete the assignment | Databases are wonderful. They will allow you to not only store tons of important data and keep it organized, but also implement best-practices for security, create dynamic services, and structure your apps in new and smarter ways (you’ll also likely engage in some fun philosophy: “who do these pairs of sneakers belong to? The manufacturer? The whole-saler? The platonic form of “shoes” itself??). To prepare for your upcoming projects, install the MongoDB manager. |
| Link to full code file (Answer)  Push a full code file to our [GitHub repo](https://github.com/bitdegree-foundation/academy-assignments-code-files) for this sprint’s assignment and paste a link to that file here. Please write the file in a concise and clear format, according to the “[example-js-code-file](https://github.com/bitdegree-foundation/academy-assignments-code-files/blob/master/example-js-code-file.js)” found in our repo. |  |

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| # | Step  Write each small step of the task. These assignments should be doable by students on their own (without any BitDegree instructor help). It can be any number of steps, but keep them pretty clear and separate (don’t combine 2 steps into 1 step). | 1x hint  Write brief text or partial code that would help the student figure out how to move forward or accomplish the given step. |
| 1 | "Installing MongoDB": Navigate to Mongo's installation instructions portal: https://docs.mongodb.com/manual/administration/install-community/ |  |
| 2 | Choose your OS, and read the corrisponding instructions. |  |
| 3 | Be on the look-out for steps under the heading "Install MongoDB Community Edition". Follow the link to the download center (https://www.mongodb.com/try/download/community) and download the MongoDB installer file |  |
| 4 | Install MongoDB (and Compass) using the installer you've just downloaded. When prompted to choose a path for your data(base), you can either 1) set your storage folder to be on a secondary hard drive,, or) 2) in your main drive's root directory, or 3) in your MongoDB's program folder. Since the decision will matter much-more later-on (based on some security and privacy concerns etc) in your dev career, keep what the installer suggests (in windows, for instance, likely in MongoDB's program folder: C:\Program Files\MongoDB\Server\5.0\data\db). |  |
| 5 | (If you have not already done-so, start your command line with admin privilages and) Set your database path using (for Windows) "C:\Program Files\MongoDB\Server\5.0\bin\mongod.exe" --dbpath="C:\Program Files\MongoDB\Server\5.0\data\db" (including double-quotes) in your cmd. Note: you will need to change --dbpath if you want your database to be stored in the root directory or on another drive, partition etc |  |
| 6 | "Installing Mongo Shell/mongosh": go to mongo shell's instruction page (https://docs.mongodb.com/mongodb-shell/) and read the instructions. Download the .msi installer for the shell from https://www.mongodb.com/try/download/shell |  |
| 7 | Run the .msi. Note: don't install it "just for you" - doing so will install to your computer's appdata folder. Instead, untick the box - this will install the shell to a folder in the same directory as MongoDB (for instance, in Windows, C:\Program Files\mongosh) |  |
| 8 | Test your paths by running (in your admin console) mongosh --version & mongo --version. If you get an error for either (or both) saying that it is not a recognized as a command, you will need to set/update your computer's environment variables to include a system path to mongo.exe (or monosh.exe). Follow the instructions on https://docs.mongodb.com/mongodb-shell/install/#std-label-mdb-shell-install - specifically step #4 of "Install from .zip file" - and save paths to the containing folders (for instance, C:\Program Files\MongoDB\Server\5.0\bin\ or C:\Program Files\mongosh\ on a windows machine) |  |
| 9 | Re-try your console commands to see versions of both mongo database, and mongo shell |  |
| 10 | If you are still unable to get the versions of these programs returned in your command console, review the steps on mongodb's tutorial pages carefully to make certain that you have not missed any steps. |  |
| 11 | "Connect to database using Compass": start compas, and enter mongodb://localhost:27017. You should see databases like "admin" "config" and "local" |  |
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