Vorbereitungsauftrag - Datenbanksysteme

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| Datum | 26.01.2024 |
| NDK | Web Engineer NDK HF |
| Modul | Web-Technologien Aufbau |
| Thema | MongoDB |
| Plattform | Selbststudium |

**Buch Pro MERN Stack / Kapitel 6: MongoDB CRUD Operations**

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| **Aufgabe** | **Lösung** |
| 1. Write a simple statement to retrieve all employees who have middle names. Hint: Look up the MongoDB documentation for query operators at <https://docs.mongodb.com/manual/reference/operator/query/>. | db.employees.find({“name.middle”: {**$exists**: true}}) |
| 1. Is the filter specification a JSON? Hint: Think about date objects and quotes around field names. | Ist ein JavaScript-Object und nicht JSON, weshalb “” weggelassen werden kann. |
| 1. Say an employee’s middle name was set mistakenly, and you need to remove it. Write a statement to do this. Hint: Look up the MongoDB documentation for update operators at <https://docs.mongodb.com/manual/reference/operator/update/>. | db.employees.update(({\_id: ObjectId(“658835a4ab9b97b7b0619b74”)}, {“name.middle”: {**$unset**: null}}) |
| 1. During index creation, what did the 1 indicate? What other valid values are allowed? Hint: Look up the MongoDB indexes documentation at <https://docs.mongodb.com/manual/indexes/>. | 1 = aufsteigende Sortierreihenfolge.  -1 = absteigende Sortierreihenfolge. |