**Modify a Document Database in a Container**

**mongoDBCreate.py**: This Python script connects to the local MongoDB database, creates the **EmployeeDB** if it doesn't already exist, and inserts a collection of employees into the **employeeCollection**. It verifies the database creation and prints the ObjectIds of the inserted employees.

A screenshot of a computer program

Description automatically generated

A screenshot of a computer screen

Description automatically generated

**mongoDBFindOne.py**: This Python script connects to the **EmployeeDB** and looks for the **employeeCollection**. It uses the **find\_one** method to find and retrieve the first employee with the last name "Rigby" and then prints the details of that employee.

A screen shot of a computer program

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A screenshot of a computer program

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**mongoDBFindMany.py**: This Python script connects to the **EmployeeDB** and looks for the **employeeCollection**. It uses the **find** method with a filter for employees with the last name "Smith" and then loops through the results, printing details of all employees with that last name.

A screen shot of a computer program

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A screen shot of a computer program

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**mongoDBUpdate.py**: This Python script connects to the **EmployeeDB** and looks for the **employeeCollection**. It uses the **update\_one** method to update the age of the employee with the last name "Rose" to 32. It then prints the details of all employees in the collection to verify the update.A screenshot of a computer program

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A screen shot of a computer program

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**mongoDBUpdateMany.py**: This Python script connects to the **EmployeeDB** and looks for the **employeeCollection**. It uses the **update\_many** method to add a new attribute "Department" with the value "Computer Science" to all employees with the last name "Smith". It then prints the details of all employees in the collection to verify the update.

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A screenshot of a computer screen

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**mongoDBDeleteOne.py**: This Python script connects to the **EmployeeDB** and looks for the **employeeCollection**. It uses the **delete\_one** method to delete the first employee with the last name "Rose". It then prints the details of all remaining employees to verify the deletion.

A screen shot of a computer program

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A screenshot of a computer program

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**mongoDBDeleteMany.py**: This Python script connects to the **EmployeeDB** and looks for the **employeeCollection**. It uses the **delete\_many** method to delete all employees with the last name "Smith". It then prints the details of all remaining employees to verify the deletions.

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