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**CMP306 Dynamic Web Development 2**

**Tutorial 3 JSON and APIs**

**Step One** – Reconstruct the Employee example in your web space.

* Use the file employee.sql to create a table in your database.
* Copy the folders and files into the correct place in your web space
* Edit connection.php to include your database credentials rather than mine.
* Run the displayall.php and then pick an employee to check that all works.
* Enter a new employee into the database

**Step Two** – Implement the DELETE operation

* Add to the file api-employee.php a method to delete an employee from the database table.
* Edit the displayall.php file so in addition to the names of each employee there is a link to delete that specific employee.
* Test the code to ensure that you are now able to delete selected employees from the table.
* If all goes wrong you can re-initialise the database table from employee.sql.

**Step Three** – Update an employee

Now it is time for you to figure out how to implement an update operation. I suggest a methid in api-employee.php :

updateemployee($id, $txt)

Where $id is the identifier for the employee to be updated and $txt is the JSON for the fields you want to update. Is it sensible to update all the fields?

These 4 operations implement the CRUD methods to allow full modification of the employee database table.

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