

## PHP Exercises

In the following exercises, ensure that you have embedded your PHP code in a correctly structured HTML document with *head*, *title*, *body* and appropriate *H1*, *P* elements.

### One

This exercise requires two pages, a form and a response page.

- Create a form that asks the user for a department number  
It will require a deptno field
- It should also have OK and CANCEL buttons
- Create a response page that takes the new department from the form, then shows all the people in the department supplied

The response page will do the following:

Get the deptno field using either `_GET` or `_POST`  
Construct the SQL, which will look something like

```
$$SQL = "select * from emp where deptno=".$deptno;
```

Run the SQL using the `mysql/php` functions  
Print out the results using a while loop.

### Two (Harder)

Print out the results from exercise one in a table

### Three (not quite so hard, but think about it)

Alter the results from the response page so that the results are printed out in alphabetical order (sorted by `ename`). Hint: Alter the SQL rather than the PHP

### Four

This exercise requires two pages, a form and a response page.

- Create a form that asks the user for a new Department using 3 text fields  
It will require `deptno`, `dname` (department name) and `loc` (location) fields
- It should also have OK and CANCEL buttons
- Create a response page that takes the new department from the form, then inserts the details into the `DEPT` table

The response page will do the following:

Get the three fields using either `_GET` or `_POST`  
Construct the SQL, which will look something like

```
$$SQL = "INSERT INTO dept VALUES($deptno,'$dname','$loc)";
```

Run the SQL using the `mysql/php` functions  
Print a message saying "New department inserted"