

PHP Exercises

For some of these exercises, you will need the example PHP/MYSQL files (in a zip file) on barryavery.com

One

Use a while loop to print out the numbers 1 to 10

It will look something like this

```
$counter=1;
while ($counter is less than or equal to 10){
    print the counter;
    add one to the counter;
}
```

Two

Use an associative array to store the prices of three newspapers, The Times, The Guardian and The Independent. Use three print statements to print these values out.

Three

Use the PHP/mysql files to try out the following database interactions

- Creating a new employee (empinsertform.php and empinsertresponse.php)
- Deleting an employee (empdeleteform.php and empdeleterepsonse.php)
- Update an employee (empupdateform.php and empupdateresponse.php)

You will need to comment out/uncomment the correct lines (and add your username, password and databasename details) to get these files working.

Four

Retrieving (and displaying) the details of an employee is more difficult. There are two examples – try these out

- Retrieve a single persons details (no loop required)
- Retrieve multiple details (requires a while loop to process each row)

Five (Harder)

Reuse code from these files to create a more sophisticated update routine using three pages

- Page 1: Allow an emp no to be selected from a drop down list
- Page 2: Display the details in a form so the values can be edited
- Page 3: Update the details in the table to match the changes

Hints – page 1 will require a select statement to retrieve the empnos. You then use a while loop to print these values into a HTML select list. Page 2 takes the empno from Page 1 and uses a select statement to retrieve the record that matches. These values are then printed into the form into the values attribute. Page 3 grabs the values from the form and then inserts them into a UPDATE SQL statement.