

PHP Exercises 3

PHP code for these exercises can be downloaded from barryavery.com

One

Download the PHP file *function.php*

Use this shell to add a function which will take an integer, determine if it is an odd or even number, and then return a string declaring the result. The function will look like this:

```
function oddoreven($inputnumber){
    if (($inputnumber % 2)==0){
        set a string to say the number is even
    }
    else {
        set a string to say the number is odd
    };
    return the string message
};
```

Two

Add lines in the second block of PHP to use the function and print out the result

```
$number=7;
$returnedmessage=oddoreven($number);
print $returnedmessage;
```

Three

Try using the function in different ways:

```
$number=8;
print oddoreven($number);

print oddoreven(3);
```

Four

Create a new PHP file called *resources.php* in the same location as the file you used in the first three exercises

Copy your *oddoreven* function into the *resources.php* file (ensure that you include the `<?php` and `?>` at the start and end of the code). Save your file.

Edit the *function.php* file:-

- Delete the *oddoreven* function
- Add an import statement at the top (where the function used to be inside a PHP block)

```
include "resources.php";
```

Now try the page again and ensure that the function (which is now in a separate file) still works.

Five

Download a lab 3 version of the form from last week – called *form.php*. Change the entire page into a PHP program (i.e. all the lines which are HTML will have to be turned into print or echo statements).

If a line has double quotes inside it (common in HTML statements) you will have to either use single quotes to start / end the string, or use string escapes (replace " with \"). Ensure that your code still works when you've finished.