

PHP Exercises

One

HTML code for the following form can be downloaded from - barryavery.com

BUMP students

This form will allow you to provide feedback for your second year modules.

Provide your feedback

Enter your name:

Course Title

How do you rate the course: Outstanding Mostly Adequate Dull

Other Comments:

Thank you for your feedback

Download the file, open it in an appropriate text editor and then note the following

- Does it use GET or POST
- The form element name for the "name" field
- The form element name for the "course title" field
- The form element name for the "rating" option choices
- The form element name for the "comment" field

Two

Create a new file called *response1.php* which will generate responses to the form, that looks like the image.

You will need to:

- Create variables from the named elements in the appropriate associative array (`$_GET` or `$POST`)
- Create an HTML shell (appropriate `<body>`, `<head>`, `<title>`, `<H1>` and `<P>` elements)
- Print out the values
- Use an IF or switch statement to get the correct course title displayed on screen.

Responses

Here are the results

The studentname was Fred Test
The course title was BSc Business Information Technology
Rating was Outstanding
Comments Its brilliant

Remember that to test your work you will need to upload both files to an appropriate web server.

Three

Add a cancel button to your form from *Part One*, and alter the response page from *Part Two* so that it responds “The cancel button was selected” when pressed.

Four

A salesperson earns commission on the value of sales. The following table shows the scale of the commission.

Value of Sales	% Commission
< £999	1% of total
< £9999	5% of total
> £10000	10% of total

Hence a sale of £15,000 would earn £1500 commission.

Create an appropriate XHTML form with a PHP response page to input a figure for the value of the sales, and calculate / output the commission amount.

Five

A student studying Business at a University is examined by one piece of coursework and one written examination. Both components of the assessment carry a maximum of 50 marks. The following rules are used by the examiners in order to pass or fail students.

- A student must score a combined total mark of 40 % or more to pass.
- A total mark of 39% is moderated to 40 %.

Grades are awarded on marks that fall into the following categories:

Mark	100-70	69-60	59-50	49-40	39-0
Grade	A	B+	B	C	F

Design an XHTML form and PHP response page to input the marks for both components, output the final mark and grade after any moderations.

Six (Harder)

In fact, each component in the example above must be passed with a minimum mark of 15%. If a student scores 40% or more but does not achieve the minimum mark in either component he is given a technical fail of 39% (this mark is not moderated to 40%).

Change the code to reflect these rules (you will need to add more IF statements). Test the code with various combinations of results to ensure it works correctly.