

PHP Exercises – if statements

One

HTML code for the following form and response page can be downloaded from the web site. Download the compressed file and extract the two files – publish them to a web server so you can see how they work.

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

Two

Edit the response page *response.php* so that it will generate properly formatted responses

Follow these steps

- Your degree may not be mentioned in the drop down box on the form so add `<option>` elements to include your degree – test it to make sure it works
- Add a switch statement to print out the full course title
- Add a switch statement to print out the full rating

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 (by adding an IF statement) 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 to input a figure for the value of the sales, and a PHP response page which will 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 that will allow the entry of the coursework and exam grades. Then create a PHP response page to calculate and 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.