

PHP Exercises

One

Do the *forms exercise* to familiarise yourself with HTML forms – on the web site there is a zip file which contains the exercise and a CSS file

Two

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

Three

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

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.

Four

Create a form that asks the user for their salary for the year and a subsequent response page that prints their salary, the amount that they would pay in tax (assume a tax rate of 20%) and their take home pay (both annually and monthly).

Five

The following images are draft questions for a survey on perceptions of energy use and electric cars. Implement these as a HTML/PHP form and response page (simply print the results out on the response page). You should use appropriate types of input for each question (for example question 5 could be done as a sequence of radio buttons, or as a drop down box).

You won't be able to restrict the number of choices to 3 in question 12, so allow any number (this would have to be done using a client side scripting language).

- 1.) Do you own a car? YES NO
- 2.) Do you plan to buy a new one in the next 5 years? YES NO
- if YES, do you think it'll be one with a combustion engine? YES NO
- 3.) Do you think electric cars will outnumber conventional cars within the next 25 years? YES NO
- 4.) Would you buy an electric car if it were sufficient for your daily use? YES NO
... as a first or second car
- 5.) How much were you willing to pay for an all-electric car with a driving range of 120 miles [190 km] ? (tick one)
less than US\$15,000
US\$15,000 US\$20,000
US\$25,000 US\$30,000
US\$35,000 US\$40,000
more than US\$40,000
- 6.) What driving range do you consider absolutely necessary?
60 mi / 100 km 100 mi / 160 km 150 mi / 240 km
200 mi / 320 km 250 mi / 400 km 300 mi / 480 km
- 7.) Your daily commute is about
less than 2 mi / 3 km 5 mi / 8 km
10 mi / 16 km 20 mi / 30 km
30 mi / 50 km 40 mi / 65 km
50 mi / 80 km more than 60 mi / 100 km
- 8.) Do you consider dependence on oil and gas imports a threat? YES NO
- 9.) Do you consider climate change a threat? YES NO
- 10.) Would you accept sacrifices (e.g. pay more for electricity, reduce amount of driving) to fight global warming? YES NO
- 11.) Do you think sacrifices are necessary to fight global warming? YES NO
- 12.) What makes sense (economically, politically, personally)? You may tick up to 3 answers.
solar power wind energy clean coal
nuclear power geothermal saving energy
marine energy bio-fuels
- 13.) Take a look at the oil price chart and then tick one of the following:
Oil prices will...
short term: (1 – 6 months) rise remain stable go down
medium term: (6 – 18 months) rise remain stable go down
long term: (2 – 5 years) rise remain stable go down
- 14.) Oil is ...? expensive cheap neither
- Thank you for participating! YOUR opinion matters!