

Suggested Exercises for Website Programming

Exercise One

Possible activity for session plan two in the suggested scheme of work.

Create a database which will be used to store this data:

Name
Address
Post Code
Date of birth
E-mail
Gender
Country of origin
Types of websites most often visited

Design a report which will display the relevant information

Exercise Two

Possible activity for session plan one in the suggested scheme of work.

Create a simple on-line questionnaire, which must include the following form elements:

Text entry
List box
Option buttons
Check box
Submit button
Reset button

Data to be acquired:

Name
Address
Post Code
Date of birth
E-mail
Gender
Country of origin
Types of websites most often visited

Incorporate data validation where required, must include string and number validation.

Save and print the output page, and all source code and script used.

Exercise Three

Possible activity for session plan four in the suggested scheme of work.

Hold a brainstorming session in which the students design a guest book.

It should be created with a database in which to hold the data, and must include a submit button and a reset button.

Incorporate data validation where required, this must include string and number validation.

Create:

an error page

a confirmation page

a web page which displays summary information

Save and print the output page, and all source code and script used. Obtain printouts of test data used and results.

Exercise Four

Possible activity for session plan three in the suggested scheme of work.

Either amend the file which you may have already created for this as part of Exercise 10 of the Advanced Core Module, or create a new database with the fieldnames Model, Wingspan, Motor, Price. Enter the following data into the table:

R/C Ready-Built

Model	Wing Span	Motor	Price
Ready-Built Trainers			
Jumper 25	61"	25	£89.95
Bobcat 30	54"	25	£62.95
Arising Star	63.5"	46	£69.95
Bobcat 30	54"	32	£62.95
Thunder Tiger 2000	61"	46	£72.95
Thunder Tiger 40	73"	46	£69.95
Thunder Tiger 60	61"	60	£119.95

Ready-Built Sports/Scale

Extra 300	50"	53	£78.95
Space Walker	63"	53	£78.95
Seagull 40	60"	46	£68.95
Travelair	62"	46	£69.95
Fairchild PT 19	56"	53	£79.95
Aviator	57"	53	£69.95

Create a web page, and include an online order form for the UK Aeromodels web-site, incorporating the products listed above.

Incorporate data validation for string and numeric data.

Create an error page, and a confirmation page.

Save and obtain a printout of the pages, the source code and script.

Exercise Five

Possible activity for session plan four in the suggested scheme of work.

Design and create a database which will be used to store the data acquired from the online order form.

Design a report for the proprietor which will display the relevant order information.

Design a report for the customer, with details of the order.

Amend the error page, or confirmation page from exercise four, if required.

Save and obtain a printout of the pages, the source code (which should be annotated) and script.

Obtain printouts of test data used and results.