

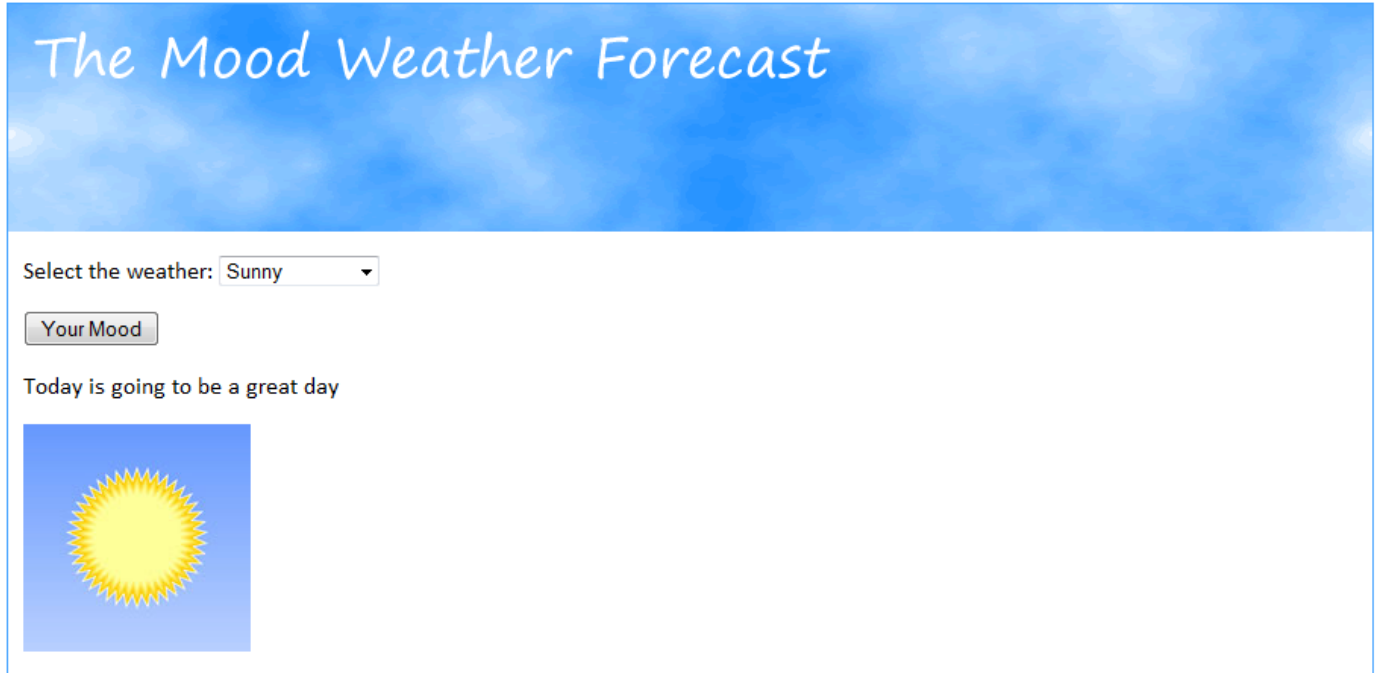
Revision

About the test

You will have 3 questions and 2 hrs to do the test. It is open book and files but it must be your own work. These questions are an example of what you can expect as a question in the test. The test counts towards 10% of your marks for the unit **ICAA5141C** Design and develop dynamic websites to meet technical requirements.

Activity 1. Mood weather forecast

Create the following web page:



Design requirements:

Images are provided

The page layout should look as close as possible to the above image. The layout should be achieved using CSS.

Functionality:

The drop down list has the following options: Sunny, Cloudy, Rain, Snow, Partly Cloudy

If sunny is selected the message "Today is going to be a great day" should be displayed and the image sunny.jpg should be displayed.

If cloudy is selected the message "Today is going to be OK" should be displayed and the image cloudy.jpg should be displayed.

If rain is selected the message "Today is going to be a slow day" should be displayed and the image rain.jpg should be displayed.

If snow is selected the message "Today is going to be an unusual day" should be displayed and the image snow.jpg should be displayed.

If partly cloudy is selected the message "Today is going to be up and down" should be displayed and the image partly.jpg should be displayed.

Activity 2. Student booking form

Create the following web page:

Student Booking Form

Please enter the number of students in the class:

[Generate Booking form](#)

1 Name:

2 Name:

3 Name:

4 Name:

Design requirements:

Using CSS change the default front for the whole document to a sans-serif font such as Calibri, Arial or Verdana.

Functional requirements:

The user will be asked to enter in a number in a textbox.

When the button is clicked the number needs to be stored in an integer variable.

A check should be made to make sure the data entered can be converted to an integer.

If the input can be converted to an integer a label on the page should display:

X Name:

As many times as the number entered in the text box where x is the loop counter. For example in the above image the number 4 was entered resulting in 4 rows printed to the label. If the number 10 is entered 10 rows would be displayed in the label with the numbers 1-10 followed by the word "Name:".

Activity 3. Magazine subscription

Create the following web page:



The image shows a web page for 'Magazine Subscriptions Co.' The header features a stack of 'BRIGHT' magazines with issue numbers '09' and '08' visible. Below the header is a 'Subscription Form' with a sidebar containing links: 'Personal details' (highlighted), 'Contact details', 'Subscription', and 'Confirmation'. The form fields are as follows:

First Name:	<input type="text" value="John"/>
Last Name:	<input type="text" value="Smith"/>
Billing Address:	<input type="text" value="56 somewhere"/>

At the bottom right of the form is a 'Next' button.



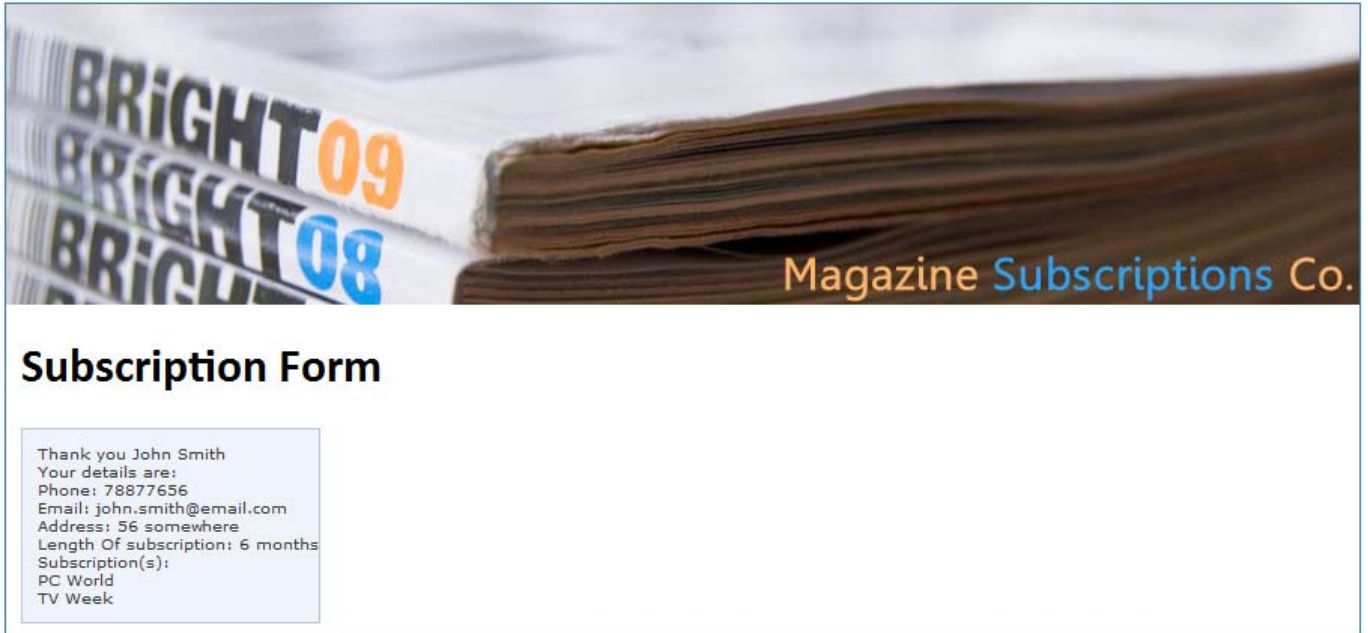
Subscription Form

Personal details	Contact Number:
Contact details	<input type="text" value="78877656"/>
Subscription	Email:
Confirmation	<input type="text" value="john.smith@email.com"/>
	<input type="button" value="Previous"/> <input type="button" value="Next"/>



Subscription Form

Personal details	Type of subscription:
Contact details	<input checked="" type="checkbox"/> PC World
Subscription	<input type="checkbox"/> New Scientist
Confirmation	<input checked="" type="checkbox"/> TV Week
	<input type="checkbox"/> Who
	Length of subscription:
	<input type="text" value="6 months"/>
	<input type="button" value="Previous"/> <input type="button" value="Finish"/>



Design requirements

Images are provided

The page layout should look as close as possible to the above image. The layout should be achieved using CSS. You may use the autoformat functionality of the wizard control for this exercise.

Functional requirements

This page will gather data from a customer to order a subscription to a magazine. The following data needs to be gathered from the user:

- First name
- Last name
- Billing address
- Contact number
- Email
- Type of subscription (can choose more than one): PC World, new scientist, TV week, who
- Length of subscription: 3 months, 6 months, 1 year, 2 years(can only choose 1 and applies to all magazines)

After the data is gathered all the data is displayed (i.e. after they click on the finish button the input is displayed on the page).

Activity 4. Payment form

Please create the following web page using the multi view control

Payment

1 Contact Details

2 Delivery

3 Payment

4 Confirm

First Name:

John

Last Name:

Smith

Email:

john.smith@email.com

Next

Payment

1 Contact Details ✓

2 Delivery

3 Payment

4 Confirm

Delivery Address:

67 somewhere

Next

Payment

1 Contact Details ✓

2 Delivery ✓

3 Payment

4 Confirm

Name on Card:

john smith

Card Number:

56567676768778

Expiry Date:

03/10

Next

Payment

1 Contact Details ✓

2 Delivery ✓

3 Payment ✓

4 Confirm

Thank you

John Smith

67 somewhere

Details:john.smith@email.com

Done

Payment

1 Contact Details ✓

2 Delivery ✓

3 Payment ✓

4 Confirm ✓

Thank you

John Smith

67 somewhere

Details:john.smith@email.com

Done

Design requirements

Images are provided

The page layout should look as close as possible to the above image. The layout should be achieved using CSS. You may use the auto format functionality of the wizard control for this exercise.

Functional requirements

- Use the multi view and view controls – not the wizard control
- Each time a next button is clicked the code should change the image for the current step. For example the contact details image “contactDetails.gif” should change to “contactDetailsDone.gif”. The multiview control should also display the next view.
- On the last view display the person’s name, address and email.
- When the “Done” button is clicked change the “confirm.gif” image to “confirmDone.gif”

Activity 5. Checkbox list

Create the following web page:

Select the days you attend TAFE:

☒ Monday

☐ Tuesday

☒ Wednesday

☐ Thursday

☒ Friday

Days

Monday
Wednesday
Friday

Design requirements

Using CSS change the default font for the whole document to a sans-serif font such as Calibri, Arial or Verdana.

Functional requirements:

Use a foreach loop to loop through the checkbox list items.

Display to a label the items checked.