

Task 3: web design and development

Winter Woollies is a group of home knitters who makes and sells woollen hats, scarves and gloves.

It wants to create a website with the following content:

- ◆ the title ‘Winter Woollies’
- ◆ a short statement about the group
- ◆ separate pages for each category of product: hats, scarves and gloves
- ◆ photographs of every product
- ◆ a video of one of the members of the group knitting
- ◆ an ‘Orders’ page with contact details and a link to an external online payment website

3a State **one** end-user and **two** functional requirements for the website.

End-user requirement	
End-user requirements could include the following for 1 mark: Users wish to	
<ul style="list-style-type: none">• read about the knitting group• find products easily• see images of the products• watch a video showing a member knitting• see how to order products	(1 mark)
Functional requirement 1	(1 mark)
Functional requirements could include the following for 1 mark each: The website should	
<ul style="list-style-type: none">• display images of the products• display text about the knitting group• play a knitting video• include navigation between page• include a page for each product category• include contact details for ordering products• include a link to an external payment website	
Functional requirement 2	(1 mark)
See above	

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3b Your teacher or lecturer will provide you with a copy of the unfinished website.

Open this and look carefully at:

- ◆ the layout of each page
- ◆ the content of each page
- ◆ the navigation within the website

The 'Orders' page currently has no content. When complete, it should match the layout of the other pages and include the following content:

- ◆ a message stating that most orders are delivered within four weeks
- ◆ a message stating that orders can be paid using the external website www.payfriend.com
- ◆ a message stating that orders can be requested by sending an email to winter.woollies@hotmail.com
- ◆ an image (200x100 pixels) of a parcel ready for posting
- ◆ a hyperlink back to the home page

Complete the wireframe on the following page, showing how you would lay out the page content for the 'Orders' page in a consistent manner to the rest of the website.

(2 marks)

Winter Woolies - Orders

Group Name
Group Statement

Most orders are delivered within four weeks

Orders can be paid here: www.payfriend.com (External Hyperlink)

Orders can be requested by sending an email to winter.woollies@homemail.com (link)

Parcel.jpg
200 x 100

- [Home](#)

500 x 60
banner.jpg

background-color: DeepSkyBlue

background-color: IndianRed

background-color: MediumSeaGreen

Link back to Homepage
• Unordered list

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3c Open the orders.html and styles.css files in order to edit them.

Implement your design of the 'Orders' page web page using HTML, including all of the content and any hyperlinks required.

The file 'parcel.jpg' has been provided within the website files.

(4 marks)

Orders.html

```
1 <!DOCTYPE html>
2 <html>
3 <head>
4 <title>Orders Page</title>
5 <link rel="stylesheet" type="text/css" href="styles.css">
6 </head>
7
8 <body>
9
10 <div class="headingSection">
11 <h1>Winter Woollies</h1>
12 <p id="headingParagraph">Home knitting delivered to your door.</p>
13 </div>
14
15 <div class="contentSection">
16 <p>Most orders are delivered within four weeks</p>
17
18 <p>Orders can be paid here: <a href="www.payfriend.com">www.payfriend.com</a></p>
19
20 <p>Orders can be requested by sending an email to winter.woollies@homemail.com</p>
21
22 <img src = parcel.jpg width ="200" height="100">
23
24 </div>
25
26 <div class="linksSection">
27
28 <ul>
29 <li><a href="home.html">Home</a></li>
30 </ul>
31
32 </div>
33
34 
35
36
37 </body>
38 </html>
39
```



3d Feedback received from user testing of the website highlights that:

- ◆ the website would look better if the three coloured sections on each page were all the same colour
- ◆ the text in the statement 'Home knitting delivered to your door' should be the same font and size as the 'Winter Woollies' heading above it
- ◆ the link to www.payfriend.com needs to stand out more than the other links – the style of the text in the link should be white in colour and font size 12

Edit the orders.html and styles.css files to implement these changes.

(3 marks)

The three <div> elements may be styled by changing the style of each class in the css file or by using a single class in all three <div> elements within the html pages.

Method 1 - change colour

```
.headingSection {background-color:DeepSkyBlue}
.contentSection {background-color:DeepSkyBlue}
.linksSection {background-color:DeepSkyBlue}
.bannerImage {width:500px;height:60px}
```

```

body>

div class="headingSection">
h1>Winter Woollies</h1>
p id="headingParagraph">Home knitting delivered to your door.</p>
/div>

div class="headingSection">
p>Most orders are delivered within four weeks</p>

p>Orders can be paid here: <a href="www.payfriend.com">www.payfriend.com</a></p>

p>Orders can be requested by sending an email to winter.woollies@homemail.com</p>

img src = parcel.jpg width = "200" height = "100">

/div>

div class="headingSection">

ul>
li><a href="home.html">Home</a></li>
/ul>

/div>

img src="banner.jpg" class="bannerImage">

```

Method 2 - change div to all same class - headingStyle

Result for either method:



Print evidence of your code from these edited files:

- ◆ orders.html

- ◆ styles.css

3e Evaluate the website in terms of fitness for purpose

(1 mark)

My orders page is fit for purpose because it includes all required information and matches the layout specified in my wireframe.

It contains:

- ◆ a message stating that most orders are delivered within four weeks
- ◆ a message stating that orders can be paid using the external website www.payfriend.com
- ◆ a message stating that orders can be requested by sending an email to winter.woollies@homemail.com
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All links have been tested and all images are correctly displayed.

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