

4.1P: Bootstrap Content Page

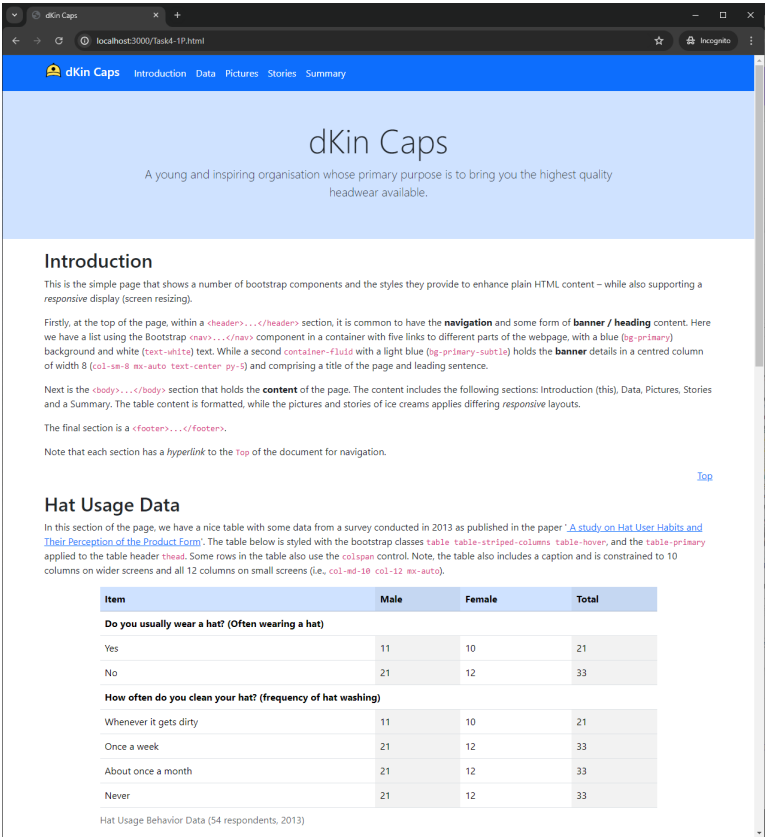
Tasks

In this task, you are required to create a web page that is similar to the one below **using the current version of Bootstrap v5.3.3**. You are welcome to find and use your own content, this is shown as a reference.

The page is composed of 7 sections:

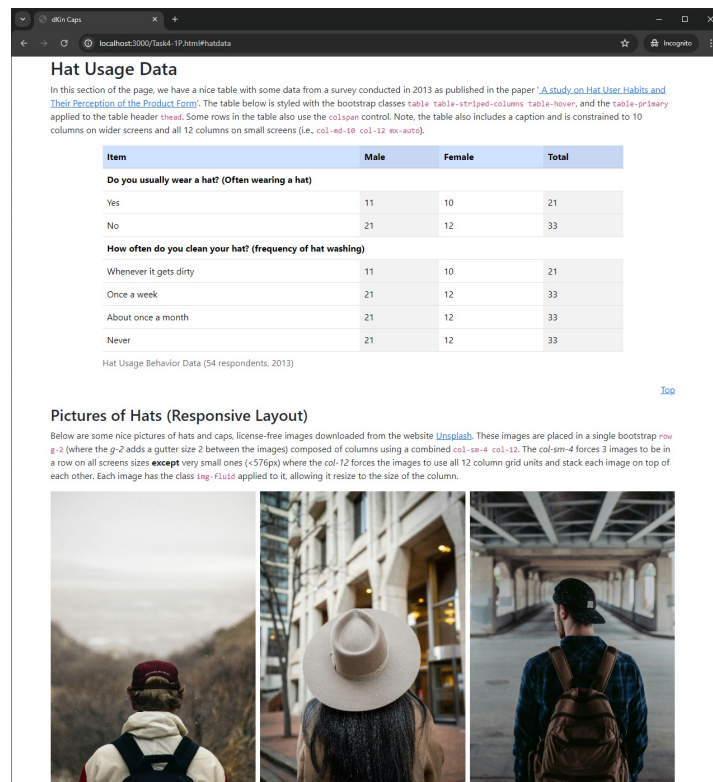
- 1. A navigation area with relative hyperlinks to key sections in the webpage using the Bootstrap `navbar`
- 2. A heading section using a `div` block that holds a `container` for the webpage main title and description (hero block)
- 3. An introductory section with some text providing an overview of the page.
- 4. A section with an example table with various table styling applied
- 5. A section with three images in a row (on screens > 576px)
- 6. A section with two images with some associated text and styling, spread across separate rows
- 7. A simple summary & footer section.

An example of how the webpage may look, is shown below in the sequence of 3 screenshots. The first shows the header section and start of the body section, showing the navigation bar, the page banner (title) and the table:



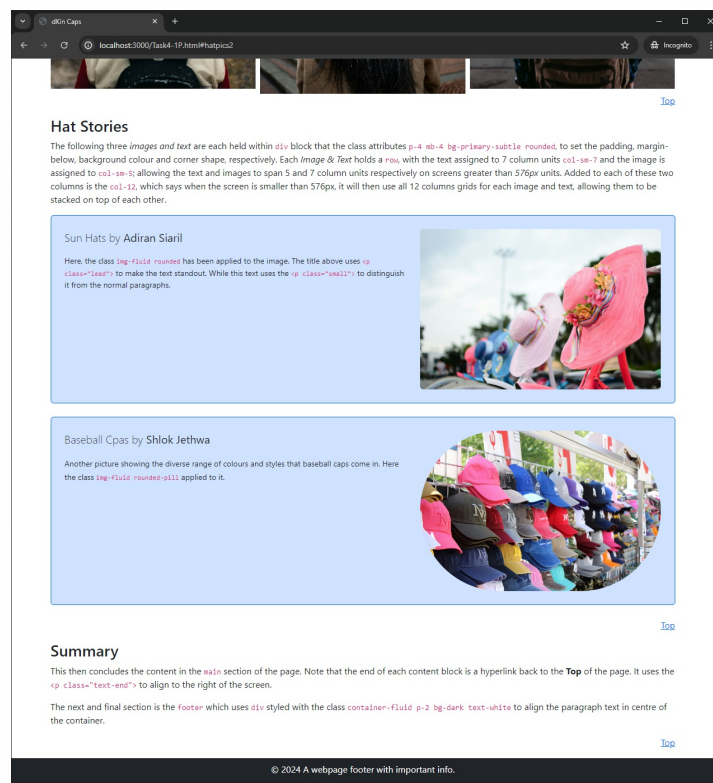
Task4.1.1 Navigation, Banner, Introduction & Table

Next are the four images arranged such that each image is held within a 6-column allocation on large screen displays, and 12 column for small screen displays:



Task4.1.2 Table and Images

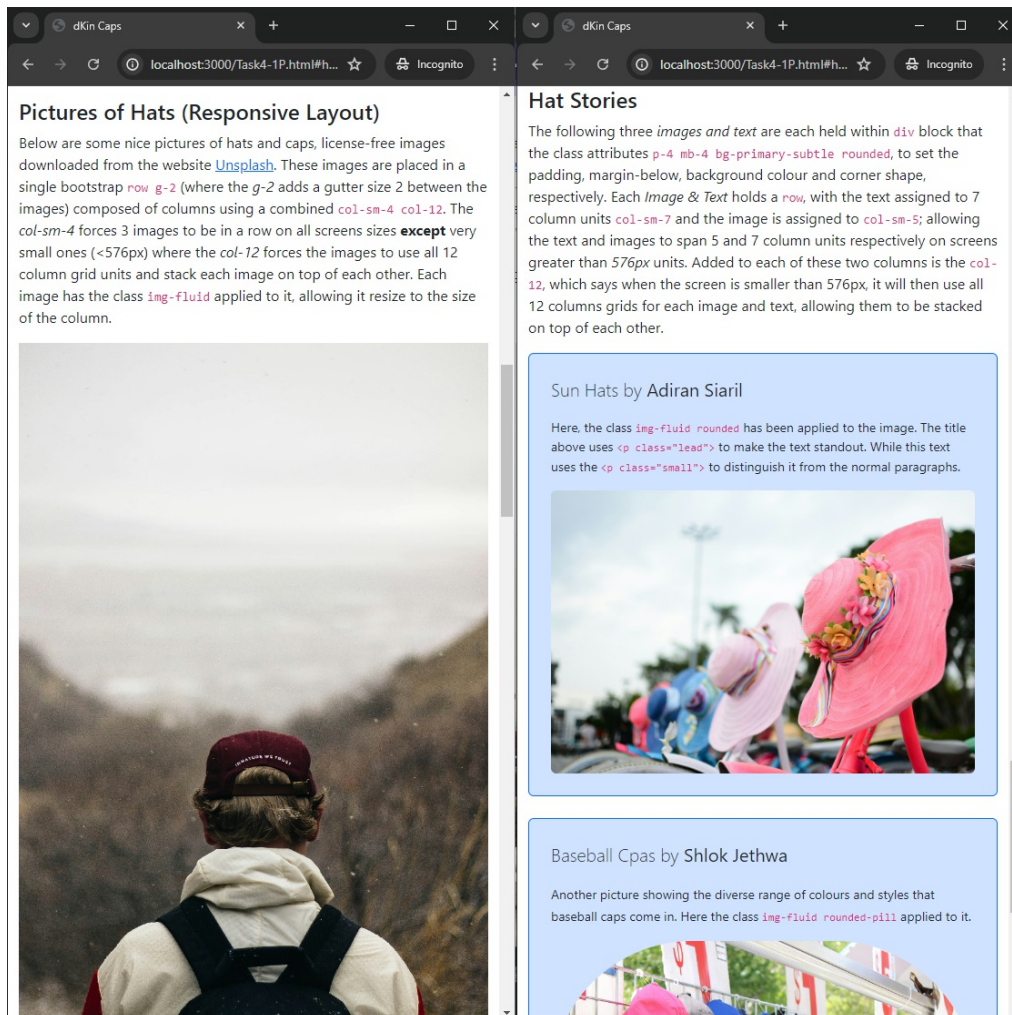
Next, is the part of the page with the image and stories each highlighted in a div block with a background class `bg-primary-subtle`:



Task4.1.3 Images and text in seperate sections

Bootstrap allows the content of the page to rearrange dynamically as the size of the screen changes. In this case the images and text of the web page should swap into a **vertical** layout when the screen is smaller than 576px.

The screen shot below show the various parts of the web page on a small (narrow) screen, with the table taking the full width and the images *stacked* one on top of the other:



Task4.1.4 Responsive Layout

NOTE: You may need to add margins/spacing around some sections to improve the layout review [Bootstrap 5.3 Margins & Spacing](#) for further details.

Requirements

The detailed requirements are as follows:

1. Create navigation links above the Title/Banner, using the Bootstrap nav component (Refer to [Bootstrap 5.3 Navs & Tabs](#) for further information on using this bootstrap component). The nav items should hold relative links to the sections within the webpage and should be styled `bg-dark text-white`.
2. Use a `div` block to hold a container that includes the page title and a brief

description (Refer to [Bootstrap 5.3 Background](#) for further information on applying a colour to a `div` block).

3. The first content section should hold some *welcoming* text.
4. The second section should contains a table with a *light* header row and the table have stripped columns. Also implement a hover effect for this table. (Refer to [Bootstrap 5.3 Tables](#) for further information on formatting tables.)
5. The third content section should contain *three* images with *gutter* spacing between them. Consider using a *row* with four *columns* to hold each of these pictures; along with making the images *fluid* to resize automatically (Refer to [Bootstrap 5.3 Image](#) and [Bootstrap 5.3 Columns](#) to review the controls of images and column layout).
6. The fourth content section should contain *two* rows, with each row containing an image & associated text. Format the images using the *rounded* shapes. Consider using a *row* with two *columns*, with each column holding a picture and text, respectively. Use column widths appropriately and make the images *fluid* to resize automatically. (Refer to [Bootstrap 5.3 Image](#).)
7. Each of the content sections should have at the end, aligned to the right a *link* to take the user back to the **Top** of the page (i.e., the *Introduction* section).
8. The last section should be a footer containing some information and should be styled *dark*.

What will you submit?

You should submit:

- The `HTML` file with the bootstrap styled content.
- Screen-shot of the web page top.
- Screen-shot of the web page middle.
- Screen-shot of the web page bottom.
- Screen-shot of the web page with screen-size reduced to show *responsive* page and resized and stacked **thumbnail images**.
- Screen-shot of the web page with screen-size reduced to show *responsive* page and resized and stacked **images with text**.