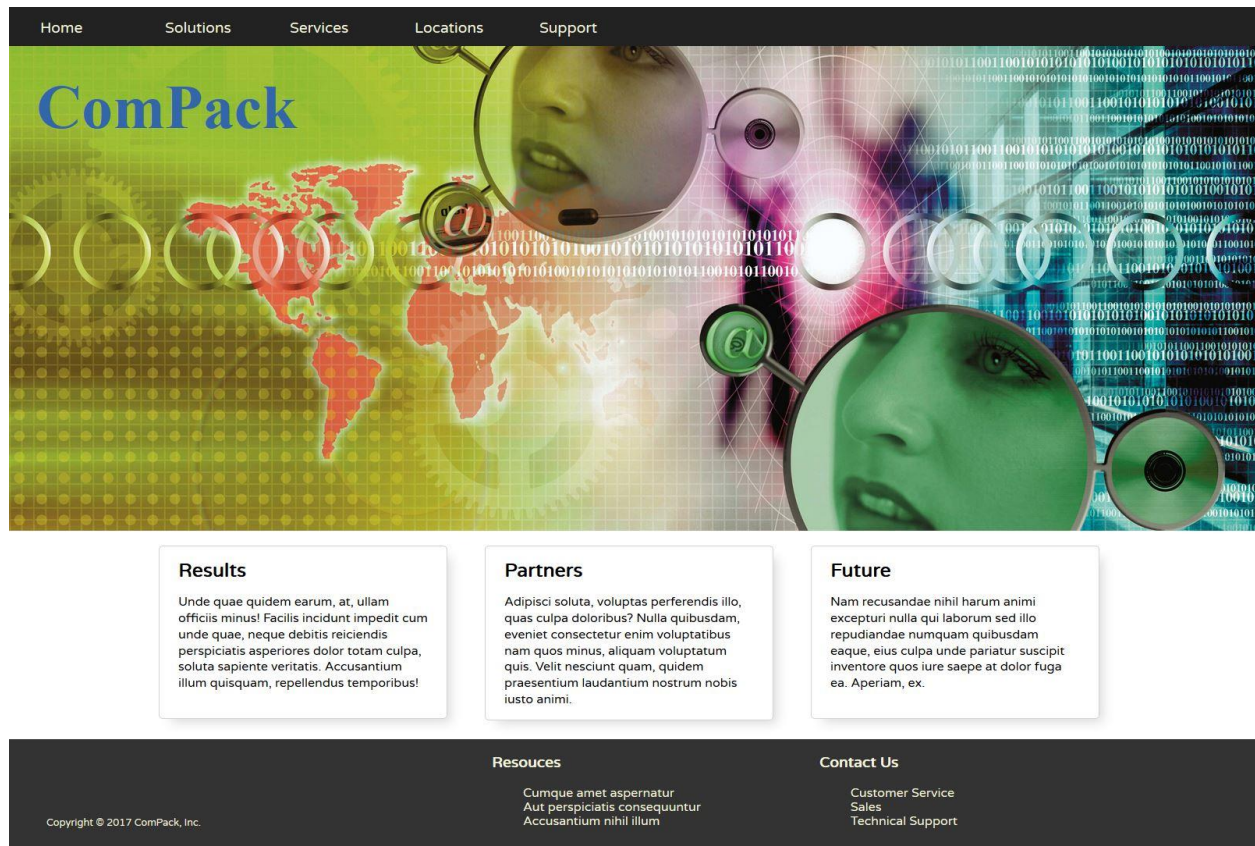# Challenge: ComPack

This challenge will bring together concepts you have learned to date in this course. Your task is to recreate the page shown below. Use the directions to guide you through this challenge. The finished page will appear as:

The file you downloaded contains:

- images folder
    - 06926FRH.jpg
- Styles folder
    - Normalize.css
- Index.html
- ComPack_Directions.pdf (this file)

Directions:

Colors used:

- black background for navigation bar and footer: #222222 (shortcut version is #222)
- Text in the header and footer: beige
- Text hover color in the header and footer: light coral (write it as lightcoral)
- ComPack header text: #3366aa (shortcut version is #36a)

Challenge: ComPack

- Border around boxes: lightgray;
- Box shadow color: red= 170, green = 170, blue = 170, opacity = 0.42
  - Adjust the shadow for radius spread and blur, and vertical / horizontal length.

Fonts:

- Go to Google fonts and find the following:
  - A serif type web font for the word 'ComPack'
  - A sans serif type web font for all other text.

Units:

- Use 'rem' for more fixed units.
- Use percent '%' for elements that need to flex.
- Use 'vw' as needed.
- Use 'px' only as last resort.

Create an external CSS file to add your styles for this challenge.

Navigation Bar:

- The navigation bar is fixed to the top of the browser window. As the page scrolls up and down, the navigation bar stays fixed to the top of the page.
- Align text similar to what is shown in above image.
  - Use the sans serif web font for the navigation bar text.
  - The text should resize (flex) as the page is resized.
  - Hint: Using the 'vw' unit may make it easier to size the text and make it flex.
- The text will have the rollover color of 'lightcoral'. See 'Solutions' link in image below.
- Remove the underline and bullet points.

Header and main heading text:

- Background image is provided and already coded in the HTML.
  - Have the image be responsive. (It should change size as the page size changes.)
- Try to duplicate the position, size and color of the main heading 'ComPack'.
  - Use the serif web font for the text.
  - Test that the heading remains in a decent position as the page size changes.

Content area (The three boxes of 'Results', 'Partners', and 'Future'):

- Size and position the content (3 boxes) as shown in image on first page of these directions.
- Use the sans serif web font you used in the navigation bar.
- Add a border, color it and slightly round the corners.
- Add a drop shadow to the bottom and right sides of each of the 3 boxes.
- Test that the boxes flex.
    o Note: They may reposition one under the other as the page gets smaller.
- Add appropriate spacing between the header and content, and the footer and content.
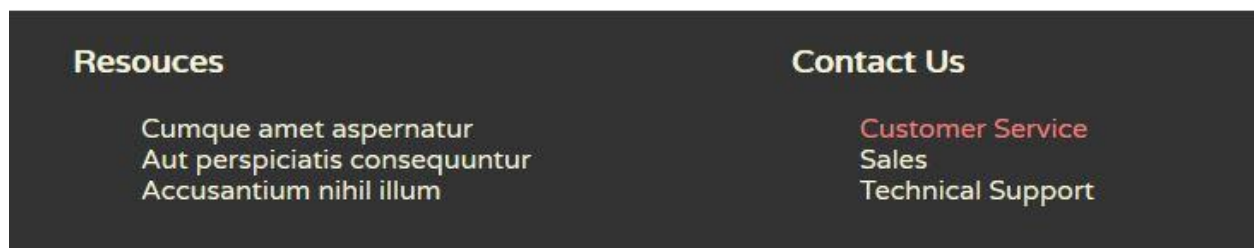   o Have appropriate spacing between boxes as well.

Footer:

- Arrange the text in the footer as shown in the image on page 1 of these directions.
- Use the sans serif web font you used in the navigation and content area of the page.

Resources and Contact Us:

- In the footer under Resources and Contact Us are unordered lists with hyperlinks.
    o Remove the default underline from the hyperlink.
    o Remove the bullet.
- Create a rollover effect for each item of both lists.
    o Change the text color on hover for each list item to lightcoral as shown below.

The above is an example of how the text would change color if the mouse hovered over 'Aut perspiciatis consequuntur'. This needs to be setup for the other two list items under 'Resources' as well.

The above is an example of how the text would change color if the mouse hovered over 'Customer Service'. This need to be setup for the other two items under 'Contact Us' as well.

Before submitting:

- Validate the HTML and CSS. Make corrections as needed.

Submission:

- Upload to your student website.
- Add a link to your homepage that will open the ComPack index.html file.
- Test that the link works.
- In Blackboard paste the URL to the ComPack index.html page in the comments area.

Contact the Instructor if you have any questions.