

Course:

Creating Web Pages with HTML5 and CSS3

Module 8. **Flexbox**

Module 9. **Grid Layout**

Task 1

Implement an HTML page with news columns.

Requirements:

- there should be three columns of the same width at any browser width;
- when changing the browser width, the column width should also change.

The required images are attached to this PDF file.*

You can generate the text with <https://www.lipsum.com/>.

*

To access materials, open this PDF file in [Adobe Acrobat Reader](#).

Example of the result:

<p>350 x 150</p> <p>Title</p> <p>Lorem ipsum dolor sit amet, consectetur adipiscing elit. Ut facilis purus sed ipsum rhoncus, aliquet feugiat elit euismod.</p>	<p>350 x 100</p> <p>Aliquam ornare nulla a velit vehicula, sed dignissim nunc pharetra. Fusce in dolor eu metus cursus imperdiet.</p>	<p>350 x 100</p> <p>A little longer title</p> <p>Aenean accumsan turpis gravida feugiat molestie. Aliquam ornare nulla a velit vehicula, sed dignissim nunc pharetra.</p>
<p>350 x 220</p> <p>Aenean feugiat dui et libero consectetur hendrerit.</p>	<p>350 x 230</p> <p>The title</p> <p>In ultrices lorem id consectetur tempus. Mauris tristique enim in hendrerit dapibus.</p>	<p>350 x 350</p> <p>A title</p> <p>Lorem ipsum dolor sit amet, consectetur adipiscing elit. Ut facilis purus sed ipsum rhoncus, aliquet feugiat elit euismod.</p>
<p>350 x 100</p> <p>Title</p> <p>Mauris nec purus nec ligula euismod convallis. Vivamus ac tortor vel quam viverra tristique.</p>	<p>350 x 150</p> <p>Nulla ut justo iaculis, faucibus tortor non, blandit tortor. Quisque id lectus et ipsum bibendum mattis vitae sagittis magna.</p>	<p>350 x 150</p> <p>Vivamus ac tortor vel quam viverra tristique. Curabitur suscipit est non mattis volutpat.</p>

Task 2

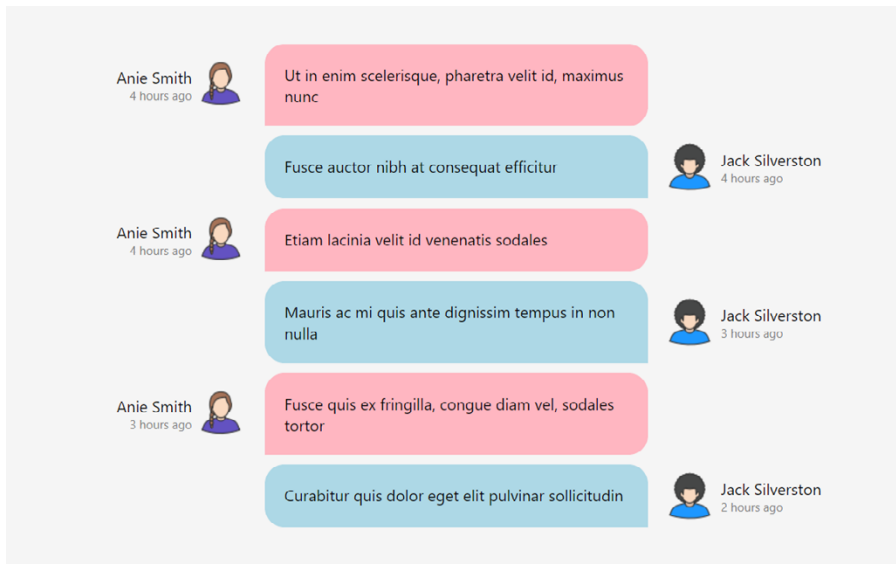
Implement an HTML page with a chat.

Requirements:

- message text is in the middle, and avatars and user names on the sides;
- messages from different users have different backgrounds;
- the user name and time of message are aligned with the message.

The required icons are attached to this PDF file.*

Example of the result:



Task 3

Implement an HTML page with task boards.

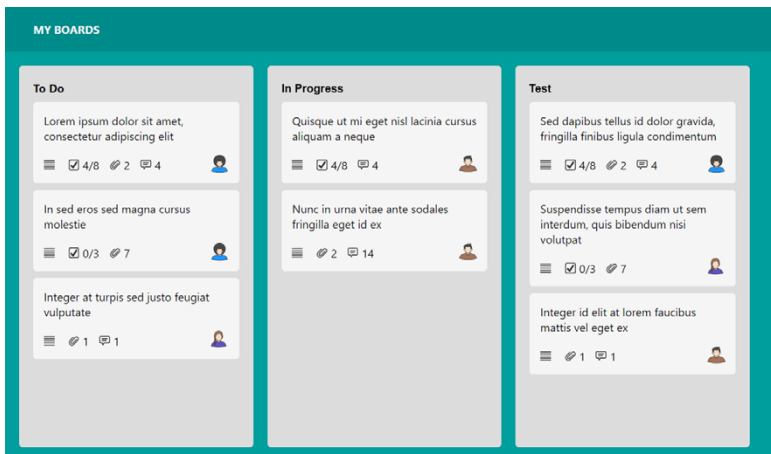
Requirements:

- the page is always adjusted to the full height and width of the screen;
- the board width varies from 300 to 400 pixels (the board is a dark gray block with a title like **To Do**);
- if the tasks do not fit the screen height, then a vertical scroll should appear on the board;
- if all the boards do not fit the screen width, then a horizontal scroll should appear;
- when scrolling horizontally, the **MY BOARDS** header should remain in place.

The required icons are attached to this PDF file.*

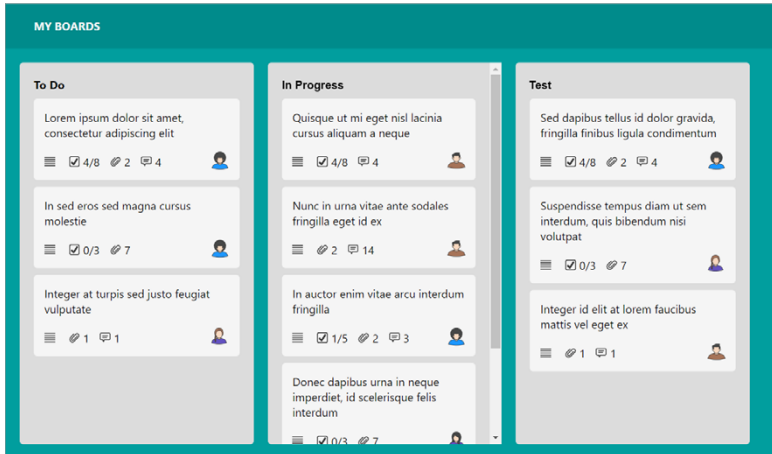
You can generate the text with <https://www.lipsum.com/>.

Example of the result (there are three boards on a page, they all fit the height and width of the browser):

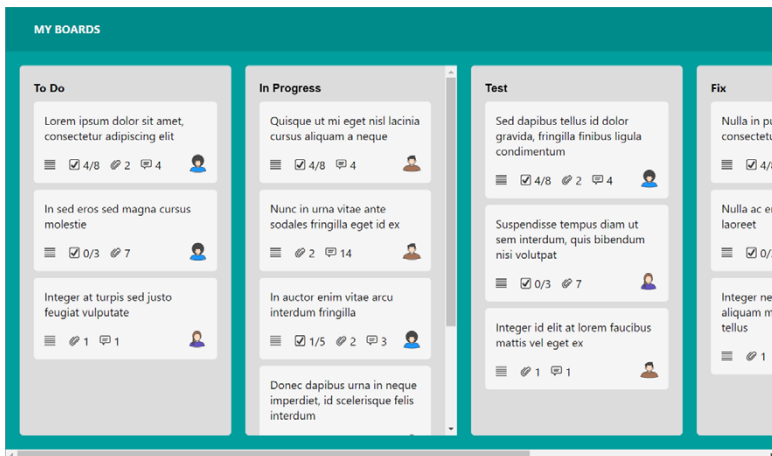


Homework No.1

Example of the result (there are three boards on a page, but the second board has more tasks than the browser height can fit, so the second board has a vertical scroll appeared):



Example of the result (there are five boards on a page, and they do not fit the width of the browser, so a horizontal scroll appears):



Example of the result (there are five boards on a page, and they do not fit the width of the browser, so the page is scrolled to the right, but the title **MY BOARDS** remains in place):

