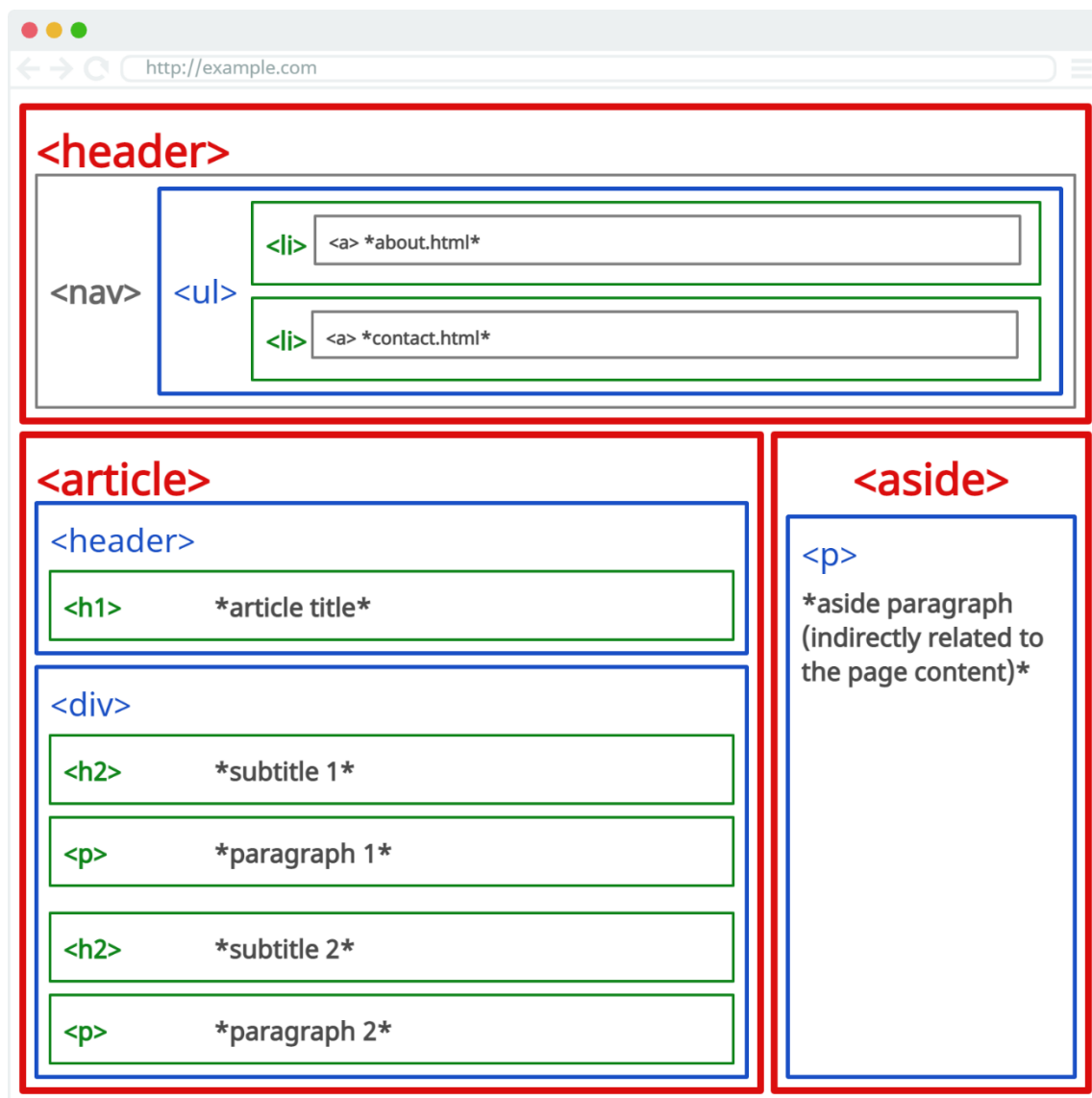Using **HTML5** and **CSS3**, implement the following layout with the use of **CSS Grid (grid-template-areas)** fulfilling the requirements below:

- A **header** with the following specifications:
  - A <u>red</u> background color.
  - A <u>width of 100%</u> and a <u>height of its content</u>.
- An **aside** with the following specifications:
  - A <u>green</u> background color.
  - a <u>width of 250px</u>, filling the <u>remaining browser viewport height</u>.
- An **article** with the following specifications:
  - A <u>blue</u> background color.
  - filling the <u>remaining browser viewport width</u>, and the <u>remaining browser viewport height</u>.
  - The **article** area should be beside the **aside** area (refer to the figure below).

Fill the **header**, **article**, and **aside** areas with the HTML elements as shown in the figure below.

```
http://example.com

<header>
  <nav>   <ul>
            <li>  <a> *about.html*
            <li>  <a> *contact.html*

<article>                                    <aside>
  <header>                                     <p>
    <h1>        *article title*                *aside paragraph
                                               (indirectly related to
  <div>                                        the page content)*
    <h2>        *subtitle 1*
    <p>         *paragraph 1*
    <h2>        *subtitle 2*
    <p>         *paragraph 2*
```

Answer

```
<!--
  Recommended videos to watch:
  - https://www.youtube.com/watch?v=66sjwQ-hB64&list=PLDoPjvoNmBAzjsz06gkzlSrlev53MGIKe&index=3
  - https://www.youtube.com/watch?v=-qbGxua98To&list=PLDoPjvoNmBAzjsz06gkzlSrlev53MGIKe&index=11
  - https://www.youtube.com/watch?v=wYSAjaB3mL8&list=PLDoPjvoNmBAzjsz06gkzlSrlev53MGIKe&index=57
  - https://www.youtube.com/watch?v=gZ3XNPelC5Y&list=PLDoPjvoNmBAzjsz06gkzlSrlev53MGIKe&index=58
  - https://www.youtube.com/watch?v=BJupwn_ii8g&list=PLDoPjvoNmBAzjsz06gkzlSrlev53MGIKe&index=62
  - https://www.youtube.com/watch?v=-GR52czEd-0
-->
<!DOCTYPE html>
<html>
  <head>
    <title>blog</title>
    <style>
      html,
      body {
        min-height: 100vh;
        margin: 0; /*optional property*/
      }

      body {
        display: grid;
        grid-template-areas:
          'header header'
          'article aside';
        grid-template-rows: min-content 1fr; /* or:  min-content auto */
        grid-template-columns: 1fr 250px;    /* or:  auto         250px */
      }
      .header {
        background-color: red;
        grid-area: header;
      }
      aside {
        background-color: green;
        grid-area: aside;
      }
      article {
        background-color: blue;
        grid-area: article;
      }
    </style>
  </head>
  <body>
    <header class="header">
      <ul>
        <li><a href="about.html">About us</a></li>
        <li><a href="contact.html">contact us</a></li>
      </ul>
    </header>
    <article>
      <header>
        <h1>Article Title</h1>
      </header>
      <div>
        <h2>subtitle 1</h2>
        <p>paragraph 1</p>

        <h2>subtitle 2</h2>
        <p>paragraph 2</p>

        <h2>subtitle 3</h2>
        <p>paragraph 3</p>
      </div>
    </article>
    <aside>
      <p>aside paragraph (indirectly related to the page content)</p>
    </aside>
  </body>
</html>
```

Output:

- About us
- contact us

Article Title

subtitle 1

paragraph 1

subtitle 2

paragraph 2

subtitle 3

paragraph 3

aside paragraph (indirectly related to the page content)