

CẤU TRÚC THƯ MỤC CỦA MỘT BÀI TẬP

bai1

```
|__ images
    |__ image1.png
    |__ image2.png
    |__ ...
|__ styles
    |__ style.css
    |__ ...
|__ scripts
    |__ main.js
    |__ ...
|__ index.html
|__ sitemap.html
|__ ...
```

CSS Layout

GRID LAYOUT

1/12	1/12	1/12	1/12	1/12	1/12	1/12	1/12	1/12	1/12	1/12	1/12
2/12		2/12		2/12		2/12		2/12		2/12	
3/12			3/12			3/12			3/12		
4/12				4/12				4/12			
6/12						6/12					
5/12					7/12						
4/12				8/12							
3/12			9/12								
2/12		10/12									
1/12	11/12										
12/12											

Tạo folder như bên dưới:

grid_layout

| *styles*

| *grid_layout.css*

| *grid_layout.html*

grid_layout.css

```
{
  margin: 0;
  padding: 0;
  box-sizing: border-box;
  font-family: 'Arial', sans-serif;
  font-size: 1.1em;
}

.container {
  width: 100%;
}

.row {
  width: 100%;
  display: flex;
  flex-wrap: wrap;
  margin: 2px;
}

/* content */
.row div {
  padding: 1%;
  border: 1px solid #EF5350;
  border-radius: 5px;
  text-align: right;
  color: black;
}

/* 1/12 */
.col-1 {
  width: 8.33%;
}

/* 2/12 */
.col-2 {
  width: 16.66%;
}

/* 3/12 */
.col-3 {
  width: 25%;
}

/* 4/12 */
.col-4 {
  width: 33.33%;
}

/* 5/12 */
.col-5 {
  width: 41.66%;
}

/* 6/12 */
.col-6 {
  width: 50%;
}

/* 7/12 */
.col-7 {
  width: 58.33%;
}

/* 8/12 */
.col-8 {
  width: 66.66%;
}

/* 9/12 */
```

```

.col-9 {
  width: 75%;
}

/* 10/12 */
.col-10 {
  width: 83.33%;
}

/* 11/12 */
.col-11 {
  width: 91.66%;
}

/* 12/12 */
.col-12 {
  width: 100%;
}

/* viewport <= 1000px */
@media screen and (max-width: 1000px) {
  * {
    font-size: 1em;
  }
}

/* viewport <= 630px */
@media screen and (max-width: 630px) {
  .row div {
    padding: 1.5%;
  }
}

/* viewport <= 500px */
@media screen and (max-width: 500px) {
  * {
    font-size: 0.9em;
  }
}

```

grid_layout.html

```
<div class="container">
  <div class="row">
    <div class="col-1">1/12</div>
    <div class="col-1">1/12</div>
    <div class="col-1">1/12</div>
    <div class="col-1">1/12</div>
    <div class="col-1">1/12</div>
    <div class="col-1">1/12</div>
    <div class="col-1">1/12</div>
    <div class="col-1">1/12</div>
    <div class="col-1">1/12</div>
    <div class="col-1">1/12</div>
    <div class="col-1">1/12</div>
  </div>

  <div class="row">
    <div class="col-2">2/12</div>
    <div class="col-2">2/12</div>
    <div class="col-2">2/12</div>
    <div class="col-2">2/12</div>
    <div class="col-2">2/12</div>
    <div class="col-2">2/12</div>
  </div>

  <div class="row">
    <div class="col-3">3/12</div>
    <div class="col-3">3/12</div>
    <div class="col-3">3/12</div>
    <div class="col-3">3/12</div>
  </div>

  <div class="row">
    <div class="col-4">4/12</div>
    <div class="col-4">4/12</div>
    <div class="col-4">4/12</div>
  </div>

  <div class="row">
    <div class="col-6">6/12</div>
    <div class="col-6">6/12</div>
  </div>

  <div class="row">
    <div class="col-5">5/12</div>
    <div class="col-7">7/12</div>
  </div>

  <div class="row">
    <div class="col-4">4/12</div>
    <div class="col-8">8/12</div>
  </div>

  <div class="row">
    <div class="col-3">3/12</div>
    <div class="col-9">9/12</div>
  </div>

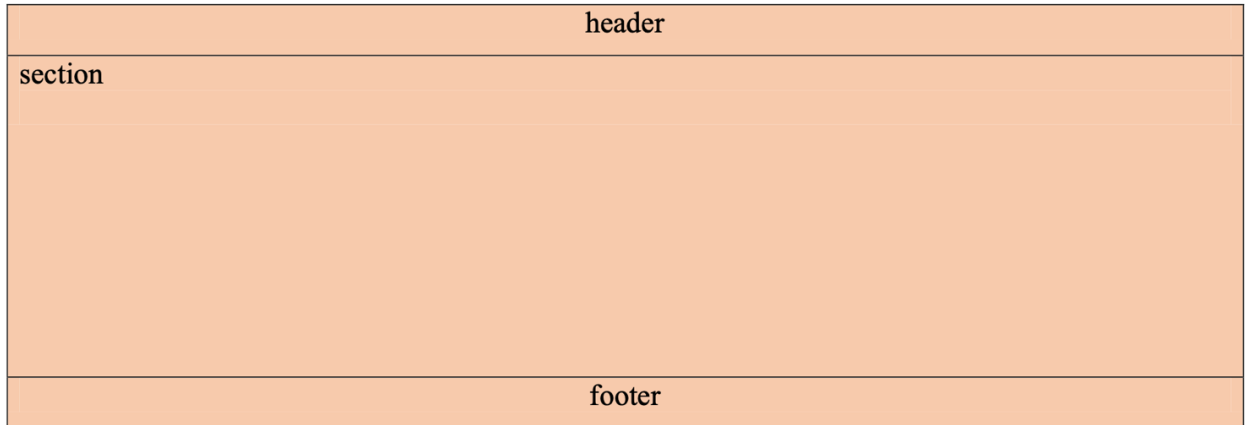
  <div class="row">
    <div class="col-2">2/12</div>
    <div class="col-10">10/12</div>
  </div>
```

```
<div class="row">
  <div class="col-1">1/12</div>
  <div class="col-11">11/12</div>
</div>

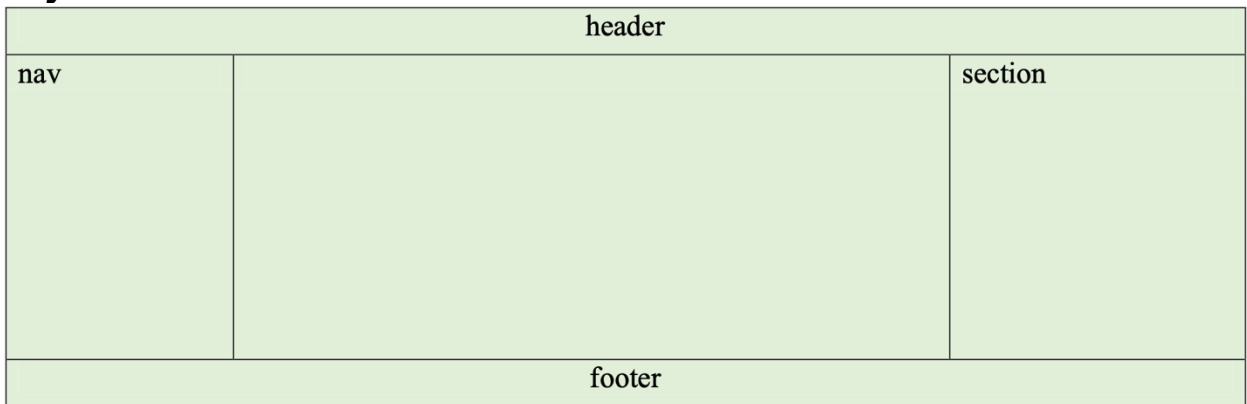
<div class="row">
  <div class="col-12">12/12</div>
</div>
</div>
```

BÀI TẬP LAYOUT HTML5, CSS3

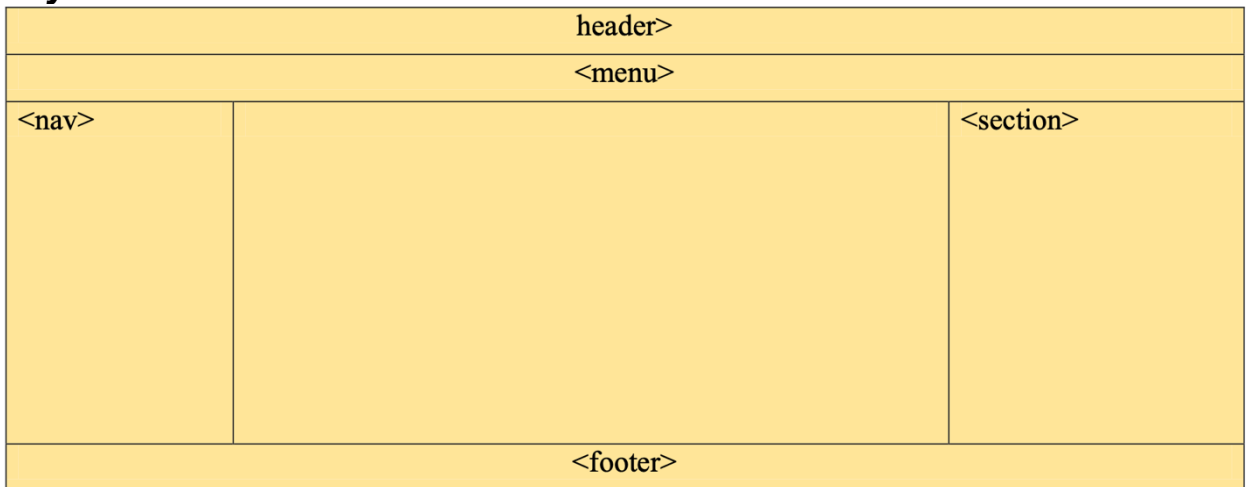
1. Layout1



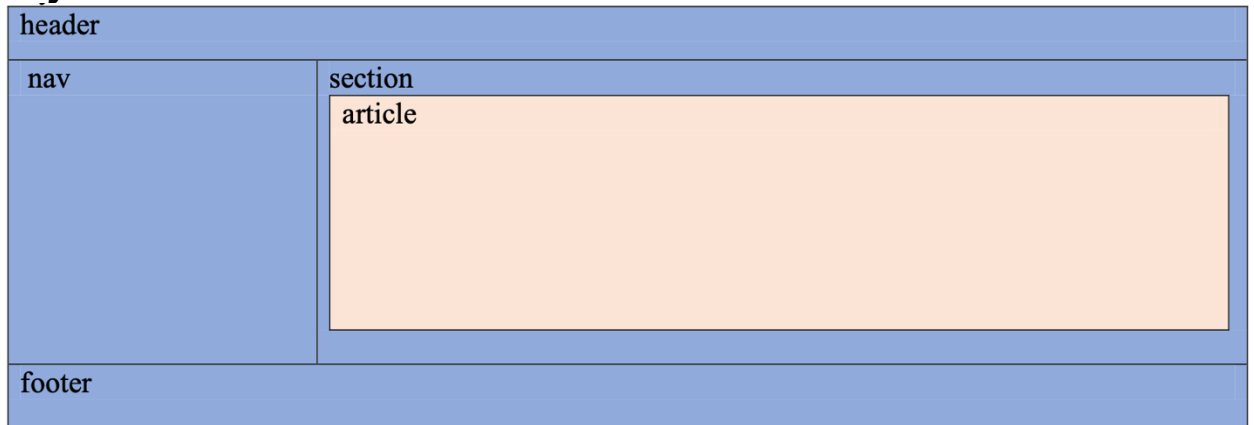
2. Layout2



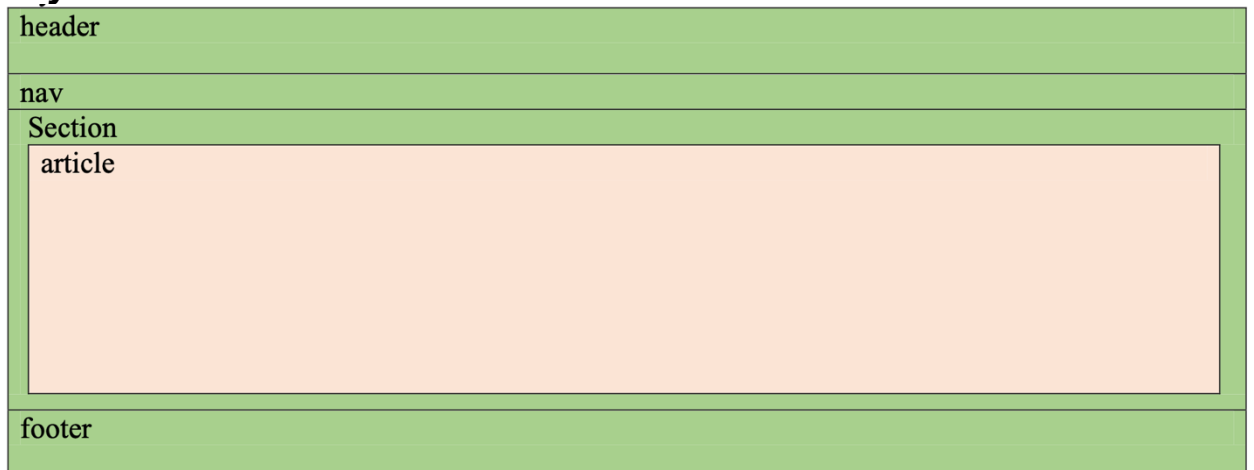
3. Layout3



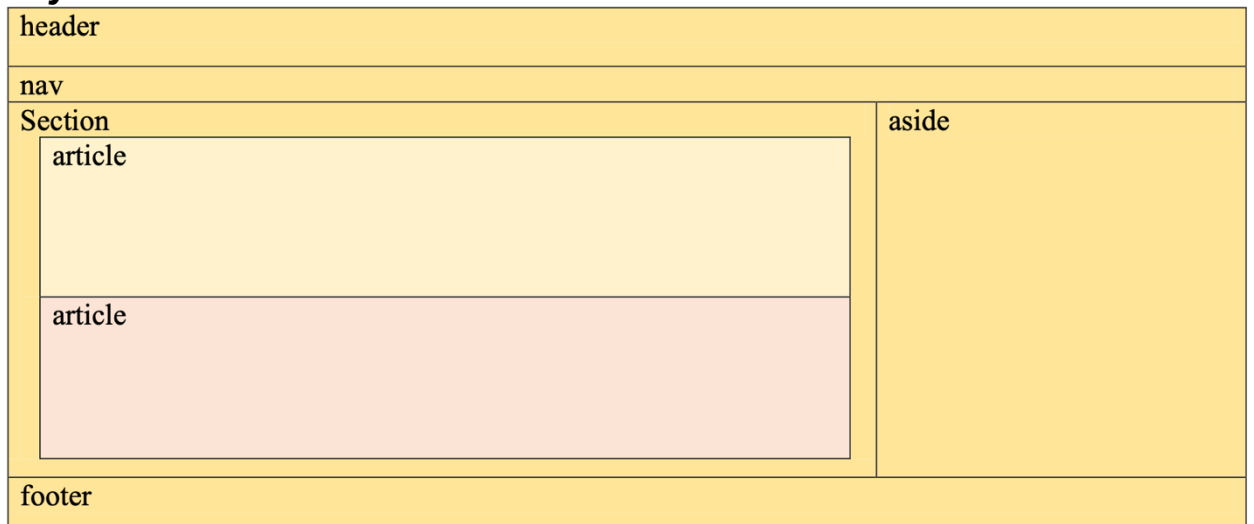
4. Layout4



5. Layout5



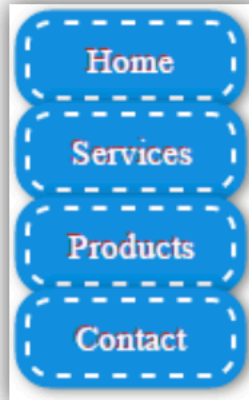
6. Layout6



BÀI TẬP MENU

1. CSS Menu - Tạo menu 1 cấp theo chiều dọc với CSS

Tạo menu theo chiều dọc cho 1 trang Web với CSS tương tự như sau (không dùng hình ảnh):



Hướng dẫn:

.html

```
<div class="container">

    <nav class="menu">

        <ul>

            <li><a href="#">Home</a></li>

            <li><a href="#">Services</a></li>

            <li><a href="#">Products</a> </li>

            <li><a href="#">Contact</a></li>

        </ul>

    </nav>

</div>
```

.CSS

```
.container {  
  
    background-color: white;  
  
    box-shadow: 0 0 18px black;  
  
    transform: translate(-50%, -50%);  
  
    position: absolute;  
  
    top: 50%;  
  
    left: 50%;  
  
}  
  
.menu ul {  
  
    list-style-type: none;  
  
}  
  
.menu ul li {  
  
    width: 100px;  
  
    padding: 5px;  
  
    margin: 5px;  
  
    background: #0d90df;  
  
    color: white;  
  
    font-size: 14px;  
  
    font-weight: normal;  
  
    line-height: 1.3em;
```

```

        box-shadow: 0 0 0 4px #0d90df, 2px 1px 6px 4px rgba(10,
10, 0, 0.5);

        text-shadow: -1px -1px #aa3030;

        text-align: center;

        border: 2px dashed white;

        border-radius: 10px;
    }

    .menu ul li a {

        color: white;

        text-decoration: none;
    }

```

2. CSS Menu - Tạo menu 1 cấp theo chiều ngang với CSS



Hướng dẫn:

.CSS

```

.menu,

.menu ul,

.menu ul li {

    margin: 0;

    padding: 0;
}

```

```
.menu {  
    background-color: red;  
    width: 100%;  
    height: 30px;  
}  
  
.menu::after {  
    content: "";  
    clear: both;  
    display: block;  
}  
  
.menu ul {  
    list-style-type: none;  
    width: 100%;  
    height: 30px;  
}  
  
.menu ul li {  
    text-align: center;  
    float: left;  
    line-height: 26px;  
    width: 16.6%;  
    display: inline;  
}  
  
.menu ul li:hover {
```

```
background-color: #1ec7e6;

transition: transform 1s;

-webkit-transform: scale(1.2) rotate(5deg);

-moz-transform: scale(1.2) rotate(5deg);

-ms-transform: scale(1.2) rotate(5deg);

-o-transform: scale(1.2) rotate(5deg);

transform: scale(1.2) rotate(5deg);

}

.menu ul li a {

    text-decoration: none;

    color: white;

    font-weight: 400;

    font-size: 20px;

    display: block;

}
```

3. CSS Menu - Menu 2 cấp với CSS

Tạo thanh menu (navigation bar) khi nhấn vào sẽ hiển thị các menu con tương tự như dưới đây:



Hướng dẫn:

```
<style type="text/css">
nav {
  display: block;
  position: absolute;
  top: 0;
  width: 100%;
  background-color: green;
}
li {
  list-style-type: none;
  display: inline;
  margin-right: 20px;
  font-size: 25px;
}
a:link {
  color: #fff;
  text-decoration: none;
}
a:hover {
  color: orange;
  text-decoration: none;
}
li > ul { display: none }
li:hover ul {
  display: block; position: absolute;
  left: 200px;
  background-color: green; margin: 0;
}
li:hover ul li a:link {
  display: block; margin-left: -30px;
}
</style>

<body>
<nav>
<ul>
  <li><a href="#">Home</a></li>
  <li><a href="#">About</a></li>
  <li> <a href="#">Products</a>
    <ul>
      <li><a href="#">Engineering</a></li>
      <li><a href="#">Telecom</a></li>
      <li><a href="#">Energy</a></li>
      <li><a href="#">Finance</a></li>
      <li><a href="#">Consultancy</a></li>
    </ul>
  </li>
  <li><a href="#">Services</a></li>
  <li><a href="#">Contact</a></li>
</ul>
</nav>
</body>
```

4. CSS Menu – Menu 2 cấp với CSS

Thực hiện menu 2 cấp như sau:

Home	Introduction >>	Portfolio >>	News	Contact
		Photography		
		Web & User Interface Design		
		Illustration		

5. CSS Menu 2 cấp theo chiều dọc

