



HTML5



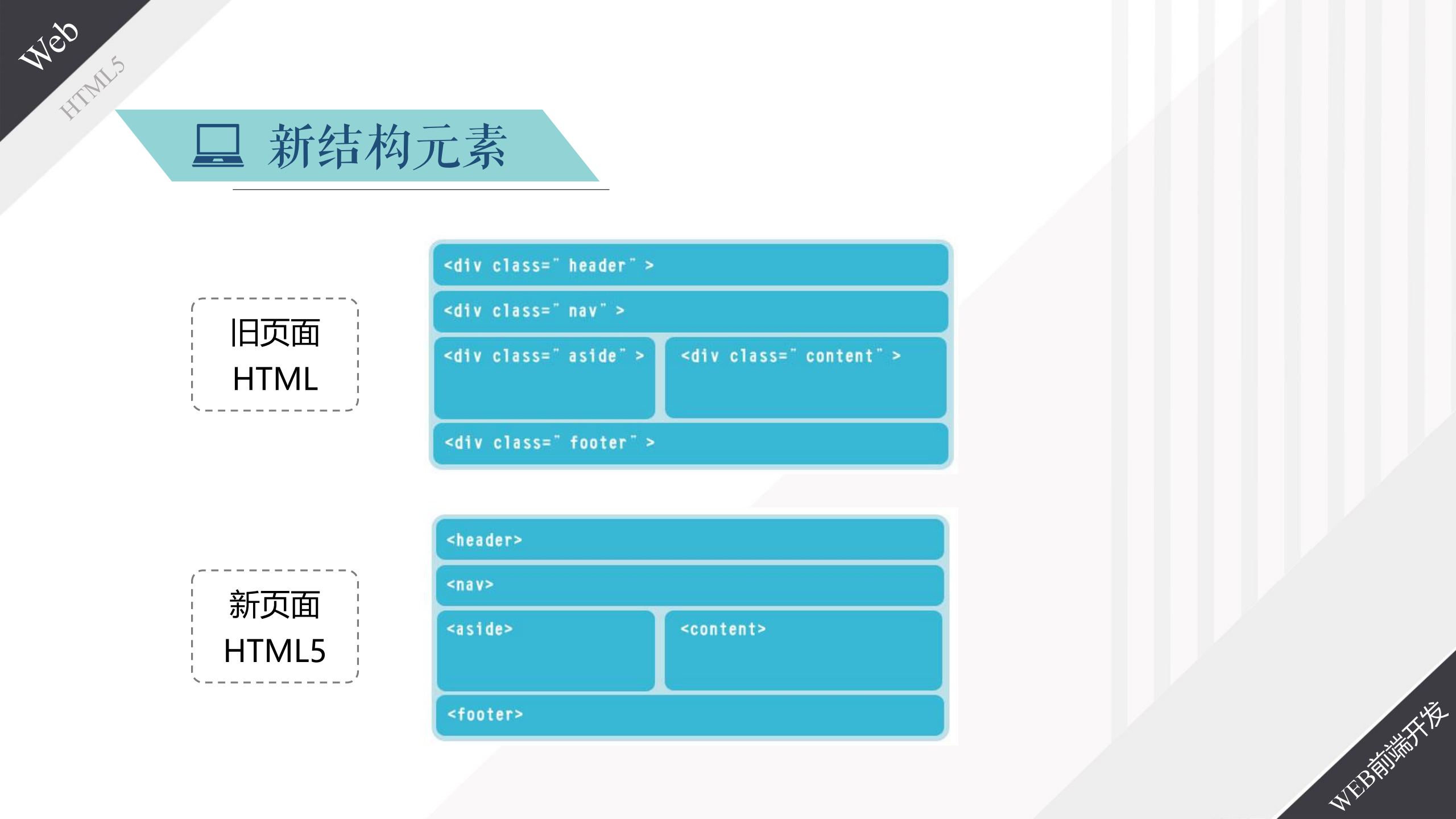


概述

新结构

音频视频

绘图canvas



新结构元素

旧页面
HTML

```
<div class="header">
```

```
<div class="nav">
```

```
<div class="aside">
```

```
<div class="content">
```

```
<div class="footer">
```

新页面
HTML5

```
<header>
```

```
<nav>
```

```
<aside>
```

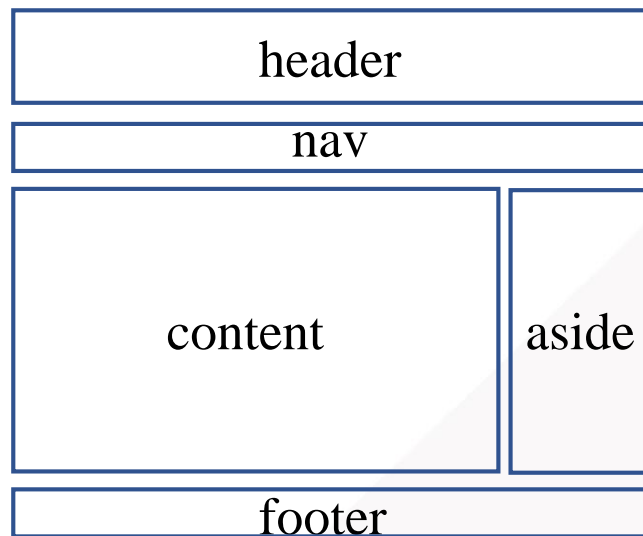
```
<content>
```

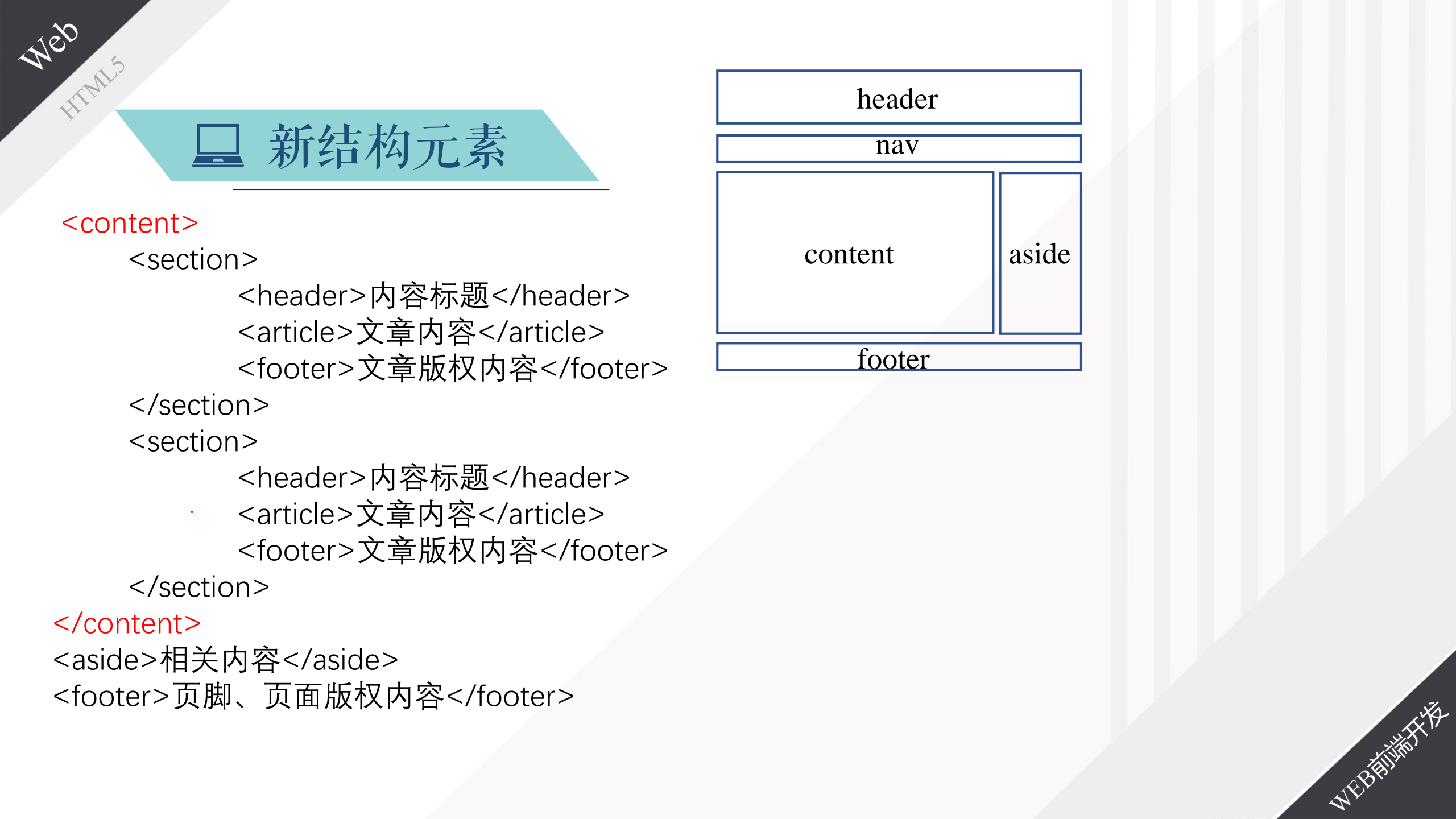
```
<footer>
```



新结构元素

```
<header><h1>HTML5结构新标签</h1> </header>
<nav>
  <ul>
    <li><a href="#">菜单一</a></li>
    <li><a href="#">菜单二</a></li>
    <li><a href="#">菜单三</a></li>
    <li><a href="#">菜单四</a></li>
  </ul>
</nav>
```





新结构元素

<content>

<section>

<header>内容标题</header>

<article>文章内容</article>

<footer>文章版权内容</footer>

</section>

<section>

<header>内容标题</header>

<article>文章内容</article>

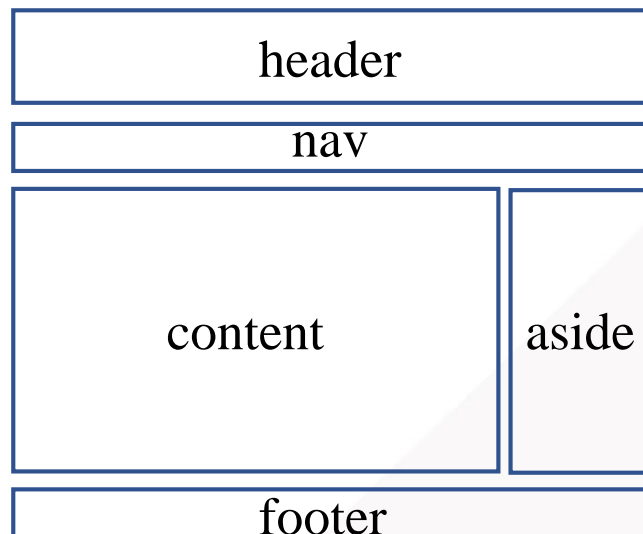
<footer>文章版权内容</footer>

</section>

</content>

<aside>相关内容</aside>

<footer>页脚、页面版权内容</footer>



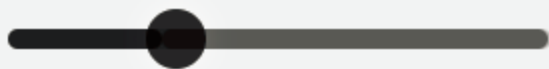


音频audio

支持.mp3 .wav .ogg
格式音频文件



1:25 / 5:00



```
<audio src="peppa.mp3" controls="controls">
```

浏览器不支持HTML5:audio

```
</audio>
```



视频video

支持.mp4 .webm .ogg
格式视频文件



播放/暂停



视频video

```
<video id="myVideo" width="420">
```

```
<source src="course.mp4" type="video/mp4" />
```

浏览器不支持HTML5:video

```
</video>
```

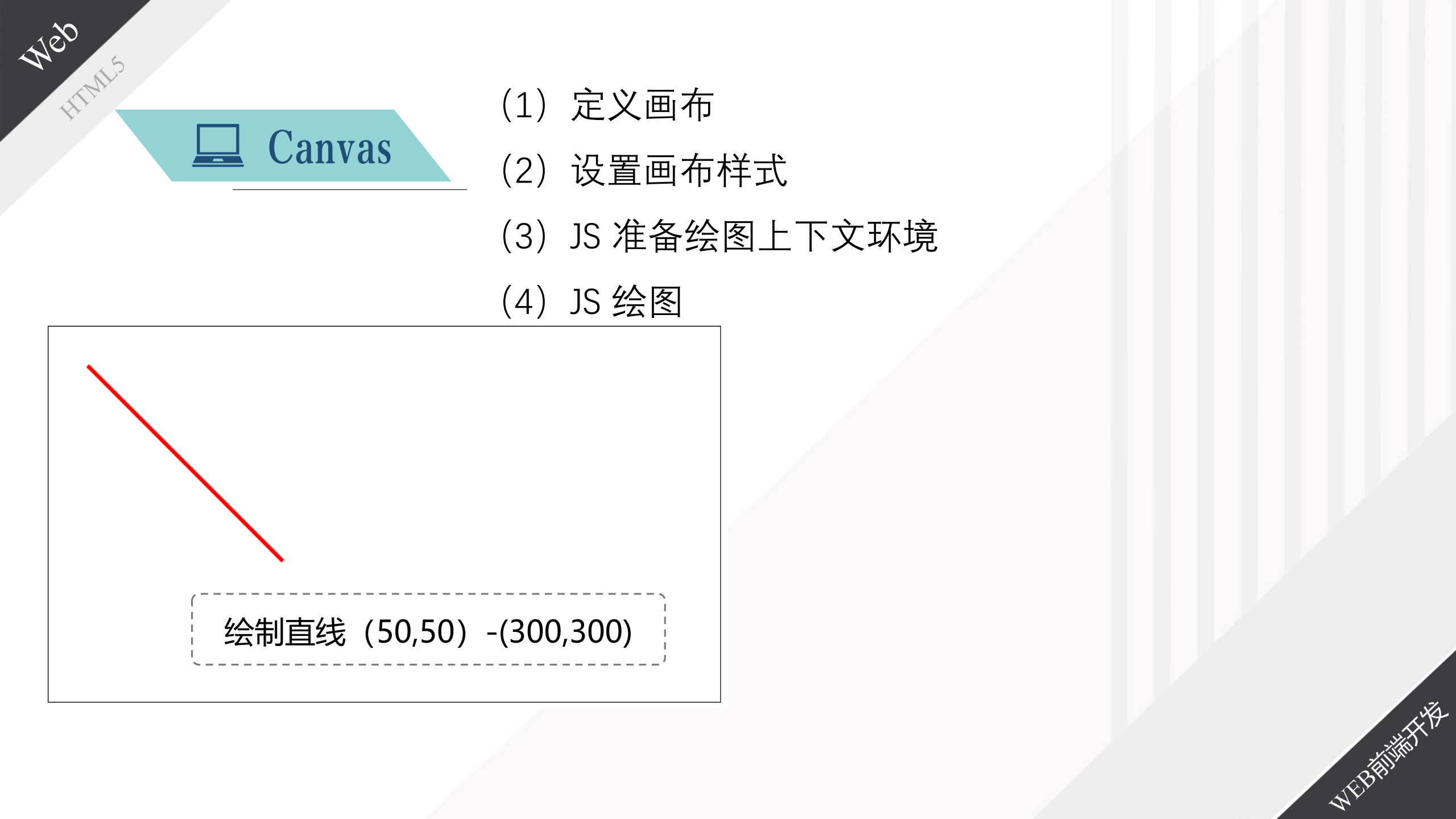
```
<button onclick="playPause()" >播放/暂停
```

```
</button>
```




视频video

```
<script>
var v=document.getElementById("myVideo");
function playPause()
{
    if (v.paused)
        v.play();
    else
        v.pause();
}
</script>
```

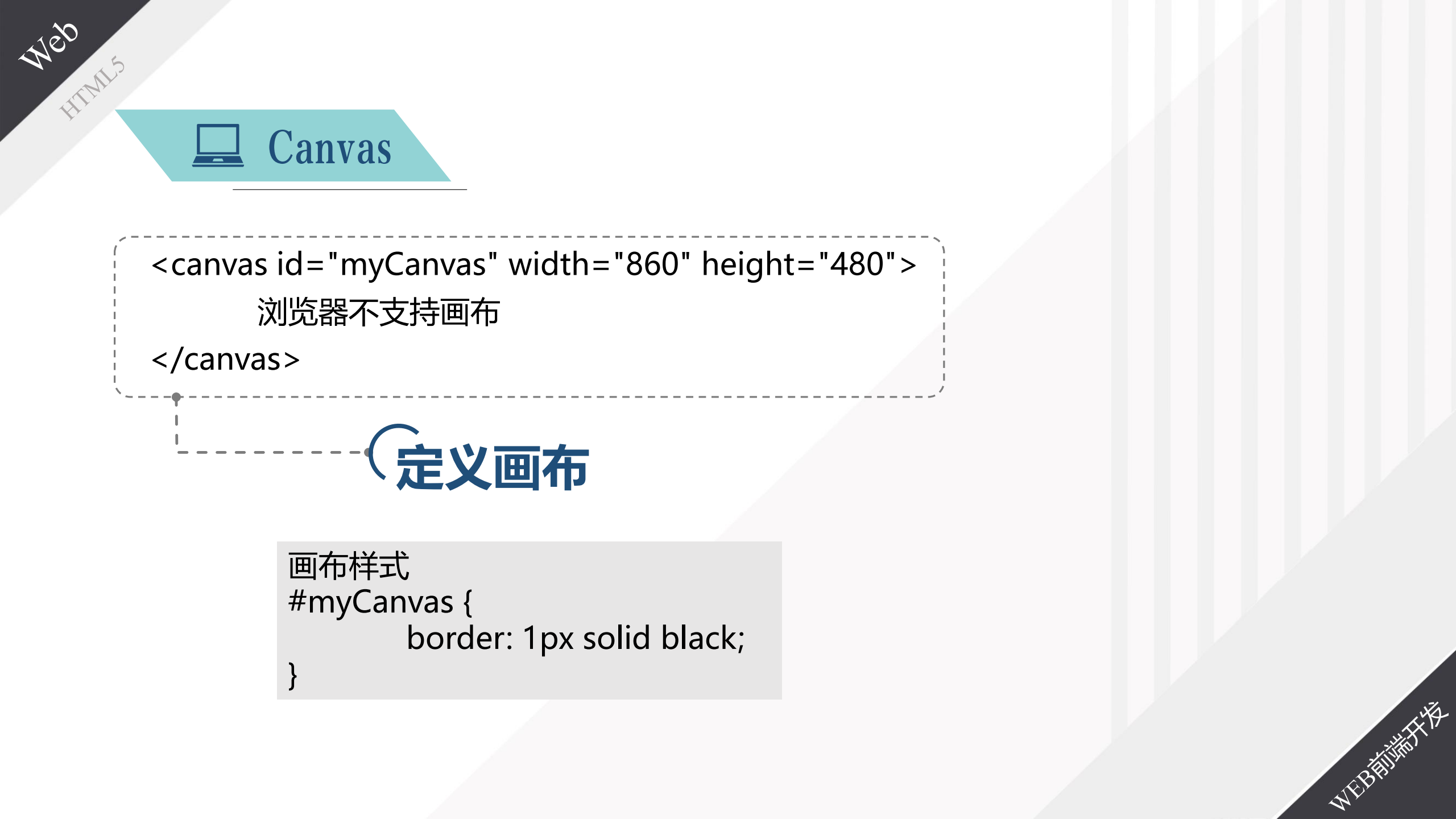


Canvas

- (1) 定义画布
- (2) 设置画布样式
- (3) JS 准备绘图上下文环境
- (4) JS 绘图



绘制直线 (50,50) -(300,300)



Canvas

```
<canvas id="myCanvas" width="860" height="480">
```

浏览器不支持画布

```
</canvas>
```

定义画布

画布样式

```
#myCanvas {  
    border: 1px solid black;  
}
```



Canvas

```
<script>
function draw(event){
    var canvas = document.getElementById("myCanvas");
    var pen = canvas.getContext("2d");
    pen.moveTo(50,50);
    pen.lineTo(300,300);
    pen.lineWidth = 5;
    pen.strokeStyle = "red";
    pen.stroke();
}
window.onload = draw;
</script>
```

