

HTML 5

1. What are the new tags added in HTML5?

--> 1. <meter>

2. <mark>

3. <progress>

4. <ruby>

5. <summary>

6. <section>

7. <aside>

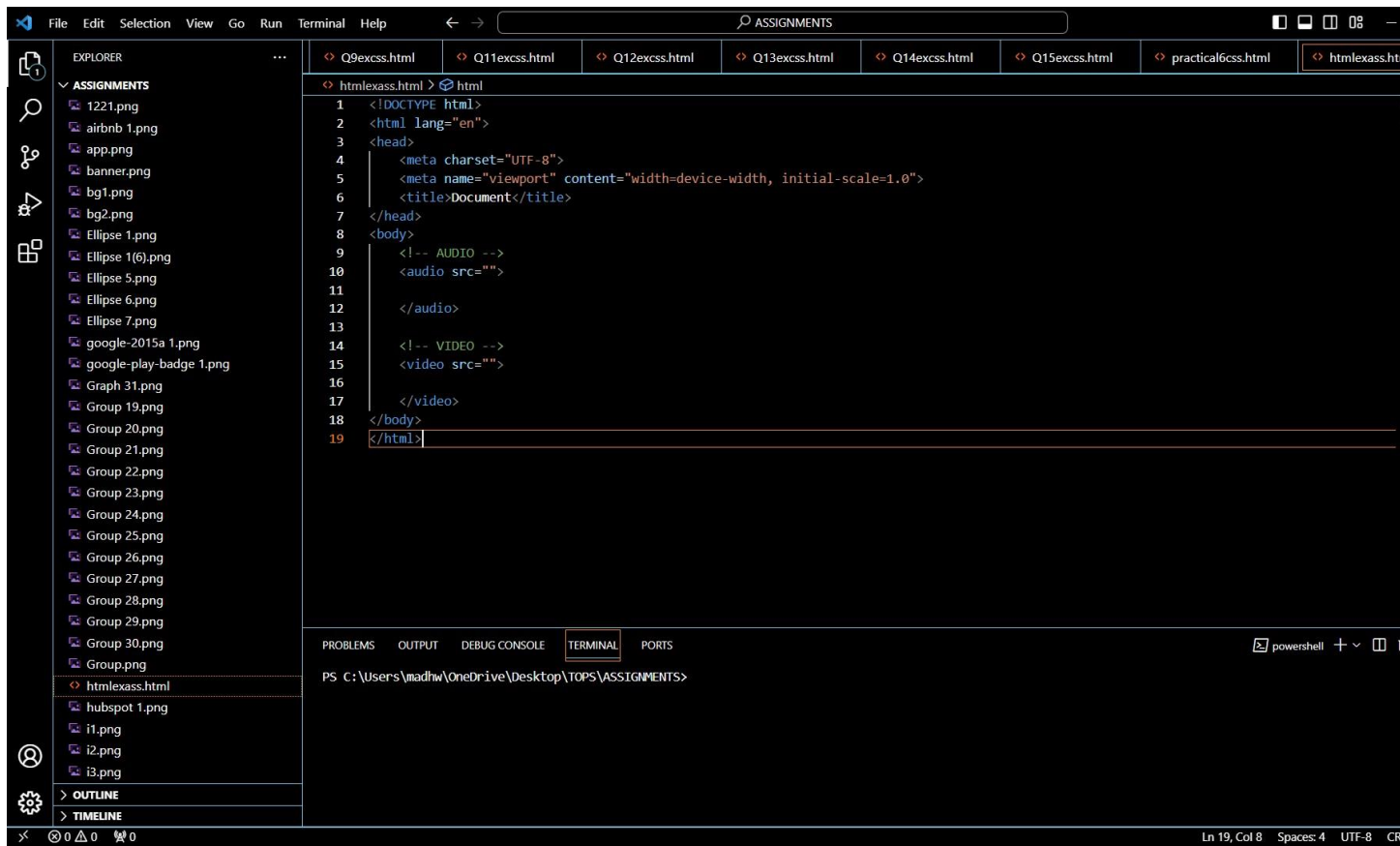
8. <dialog>

9. <details>

10. <footer>

2. How to embed a audio and video in a webpage?

--> You can embed audio and video in a webpage using the HTML5 <audio> and <video> elements.



```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta name="viewport" content="width=device-width, initial-scale=1.0">
6   <title>Document</title>
7 </head>
8 <body>
9   <!-- AUDIO -->
10  <audio src="">
11
12 </audio>
13
14  <!-- VIDEO -->
15  <video src="">
16
17 </video>
18 </body>
19 </html>
```

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PS C:\Users\madhw\OneDrive\Desktop\TOPS\ASSIGNMENTS>

3. Semantic elements in HTML5

--> HTML5 semantic elements provide meaningful structure to web content.

1. <header> - Header content.

2. <footer> - Footer content.
3. <main> - Main content of the page.
4. <time> - Time or date information.
5. <mark> - Highlighted text.
6. <figure> - Media content with captions.
7. <figcaption> - Caption for <figure>.
8. <nav> - Navigation links.
9. <details> - Content disclosure widget.
10. <summary> - Label for <details>.

4. Canvas and SVG tags.

-->**CANVAS:**

*<canvas> is a HTML5 element used for rendering bitmap graphics.

- * It provides a blank canvas where you can use JavaScript to draw and manipulate pixel-based graphics.
- * Canvas is suitable for dynamic and interactive graphics, animations, games, and data visualizations.

--> SVG TAGS:

- * `<svg>` stands for Scalable Vector Graphics and is used for rendering vector graphics.
- * SVG graphics are XML-based, which means they can be easily manipulated with CSS and JavaScript.
- * SVG is suitable for creating scalable and responsive graphics, charts, diagrams, and illustrations.

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ASSIGNMENTS

EXPLORER

ASSIGNMENTS

1221.png

airbnb 1.png

app.png

banner.png

bg1.png

bg2.png

Ellipse 1.png

Ellipse 1(6).png

Ellipse 5.png

Ellipse 6.png

Ellipse 7.png

google-2015a 1.png

google-play-badge 1.png

Graph 31.png

Group 19.png

Group 20.png

Group 21.png

Group 22.png

Group 23.png

Group 24.png

Group 25.png

Group 26.png

Group 27.png

Group 28.png

Group 29.png

Group 30.png

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htmlexass.html

hubspot 1.png

i1.png

i2.png

i3.png

OUTLINE

TIMELINE

xcss.html

Q11excss.html

Q12excss.html

Q13excss.html

Q14excss.html

Q15excss.html

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46

47 <!DOCTYPE html>

48 <html lang="en">

49 <head>

50 <meta charset="UTF-8">

51 <meta name="viewport" content="width=device-width, initial-scale=1.0">

52 <title>Document</title>

53 </head>

54 <body>

55 <!-- CANVAS -->

56

57 <canvas>

58

59 </canvas>

60

61 <!-- SVG -->

62

63 </body>

64 </html>

PROBLEMS

OUTPUT

DEBUG CONSOLE

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