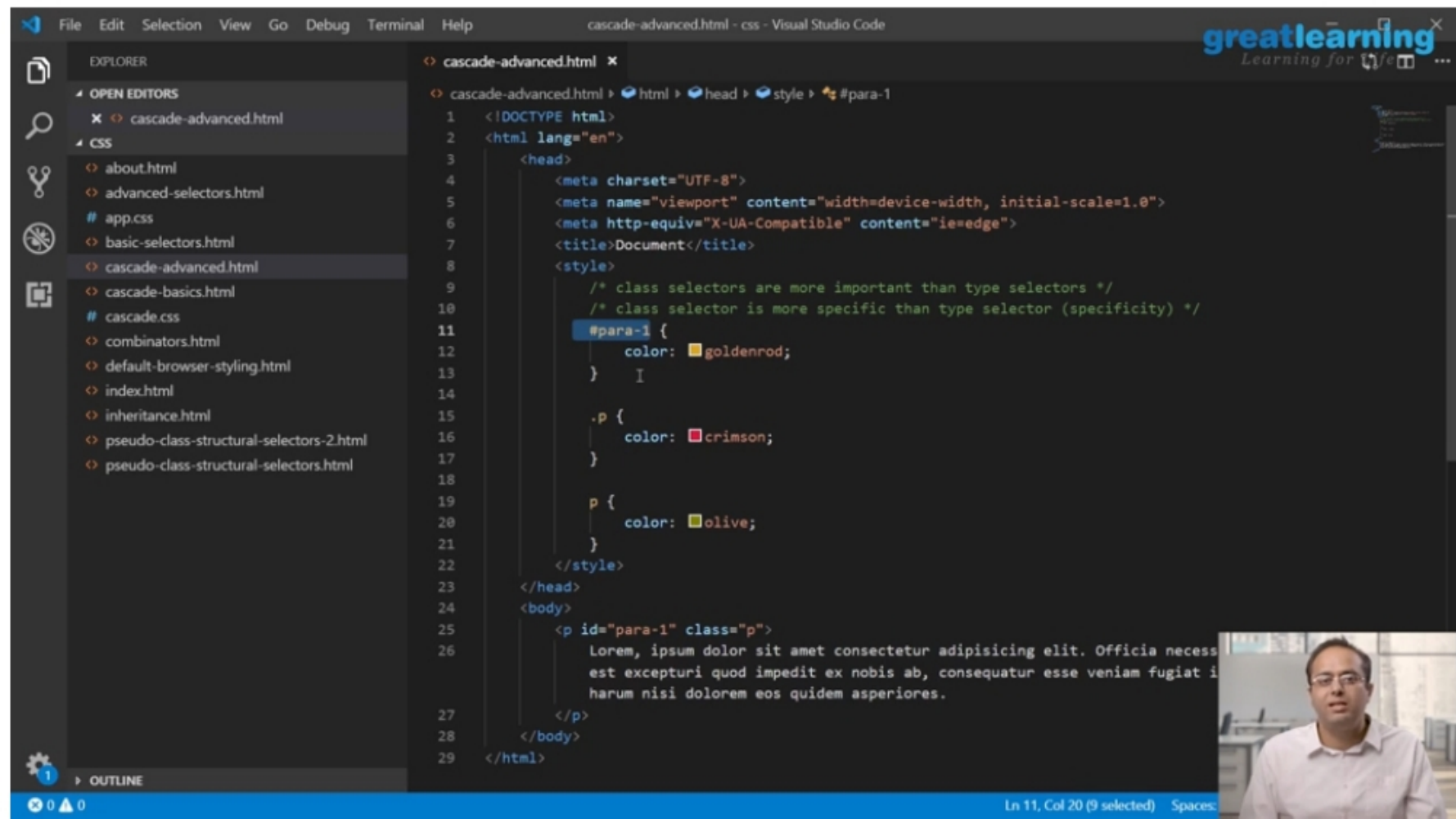


26. Specifity- Type Vs Class Vs ID

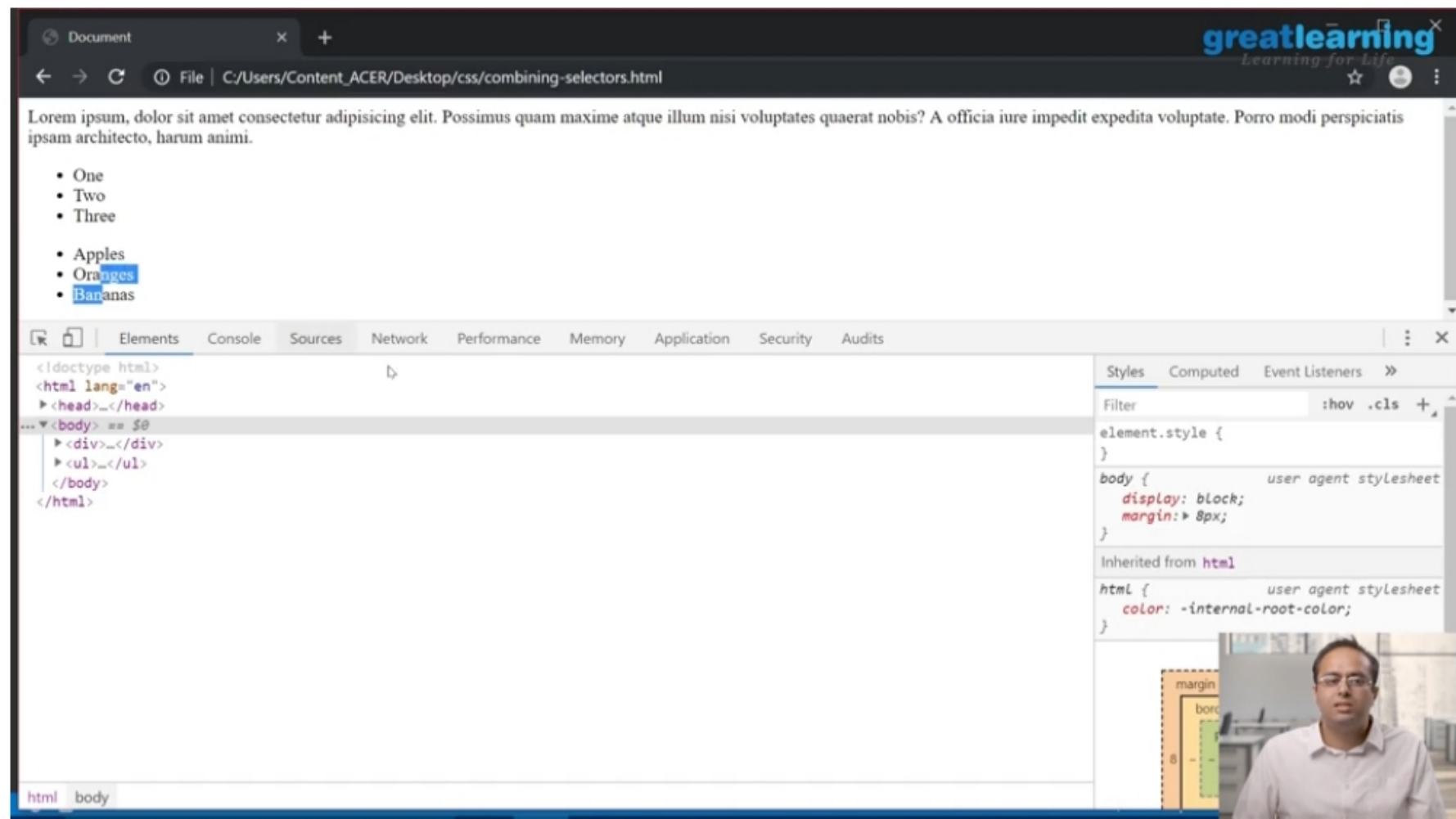


The screenshot displays the Visual Studio Code editor with the file `cascade-advanced.html` open. The breadcrumb navigation shows the path: `cascade-advanced.html > html > head > style > #para-1`. The Explorer sidebar on the left lists the project files, including `cascade-advanced.html` and `cascade.css`. The main editor area shows the following HTML and CSS code:

```
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     <meta http-equiv="X-UA-Compatible" content="ie=edge">
7     <title>Document</title>
8     <style>
9       /* class selectors are more important than type selectors */
10      /* class selector is more specific than type selector (specificity) */
11      #para-1 {
12        color: goldenrod;
13      }
14
15      .p {
16        color: crimson;
17      }
18
19      p {
20        color: olive;
21      }
22    </style>
23  </head>
24  <body>
25    <p id="para-1" class="p">
26      Lorem, ipsum dolor sit amet consectetur adipisicing elit. Officia necess
27      est excepturi quod impedit ex nobis ab, consequatur esse veniam fugiat i
28      harum nisi dolore eos quidem asperiores.
29    </p>
30  </body>
31 </html>
```

The status bar at the bottom indicates the cursor is at line 11, column 20, with 9 characters selected. A small video inset in the bottom right corner shows a man speaking.

27. Combination of Selectors



Document

File | C:/Users/Content_ACER/Desktop/css/combining-selectors.html

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Lorem ipsum, dolor sit amet consectetur adipisicing elit. Possimus quam maxime atque illum nisi voluptates quaerat nobis? A officia iure impedit expedita voluptate. Porro modi perspiciatis ipsam architecto, harum animi.

- One
- Two
- Three

- Apples
- Oranges
- Bananas

Elements Console Sources Network Performance Memory Application Security Audits

```
<!doctype html>
<html lang="en">
  <head>_</head>
  <body> == $0
    <div>_</div>
    <ul>_</ul>
  </body>
</html>
```

Styles Computed Event Listeners

Filter :hov .cls +

element.style { }

body { user agent stylesheet
display: block;
margin: 8px;
}

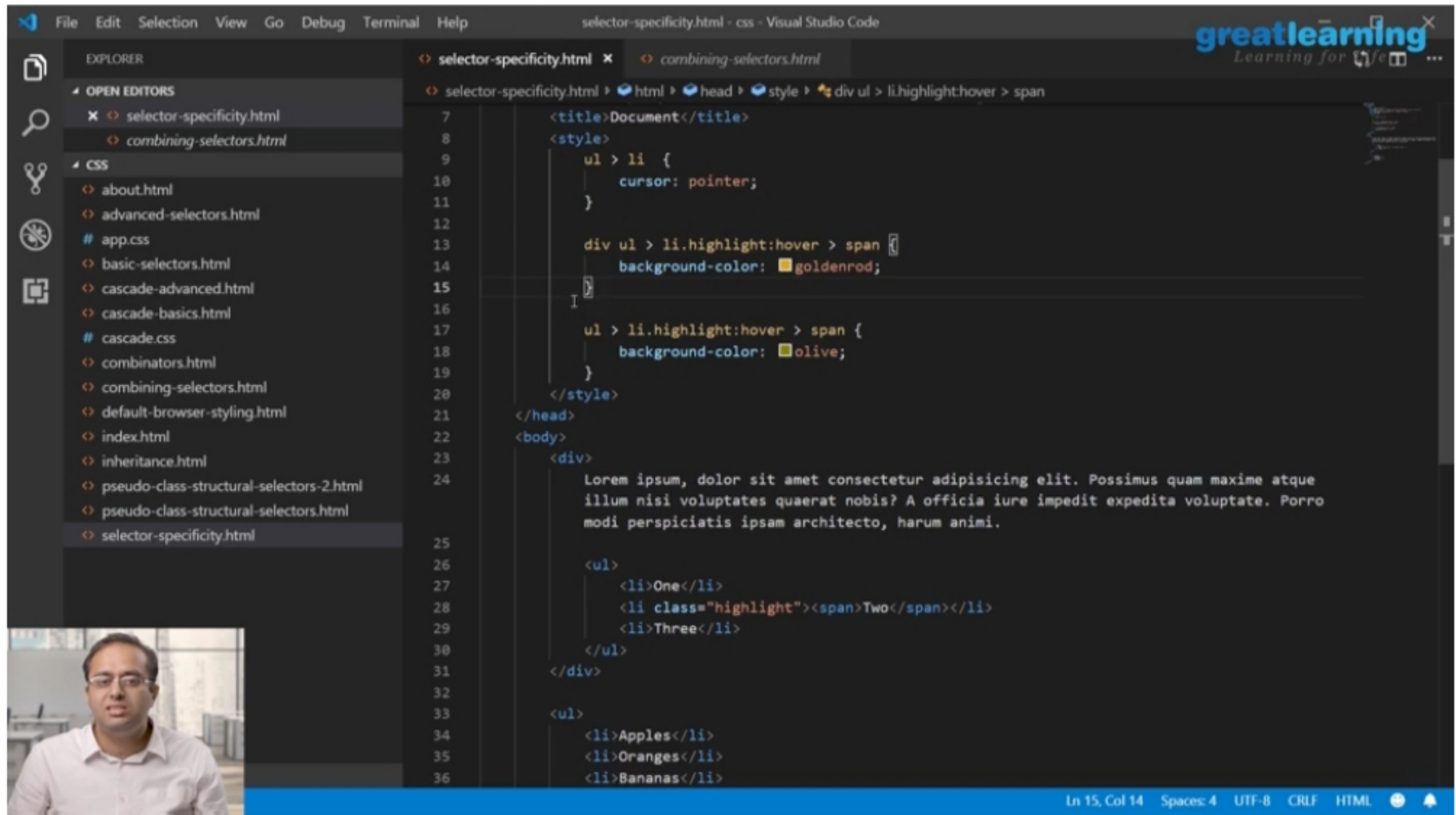
Inherited from html

html { user agent stylesheet
color: -internal-root-color;
}

margin
border
8

html body

28. Specifity of Combination of Selectors



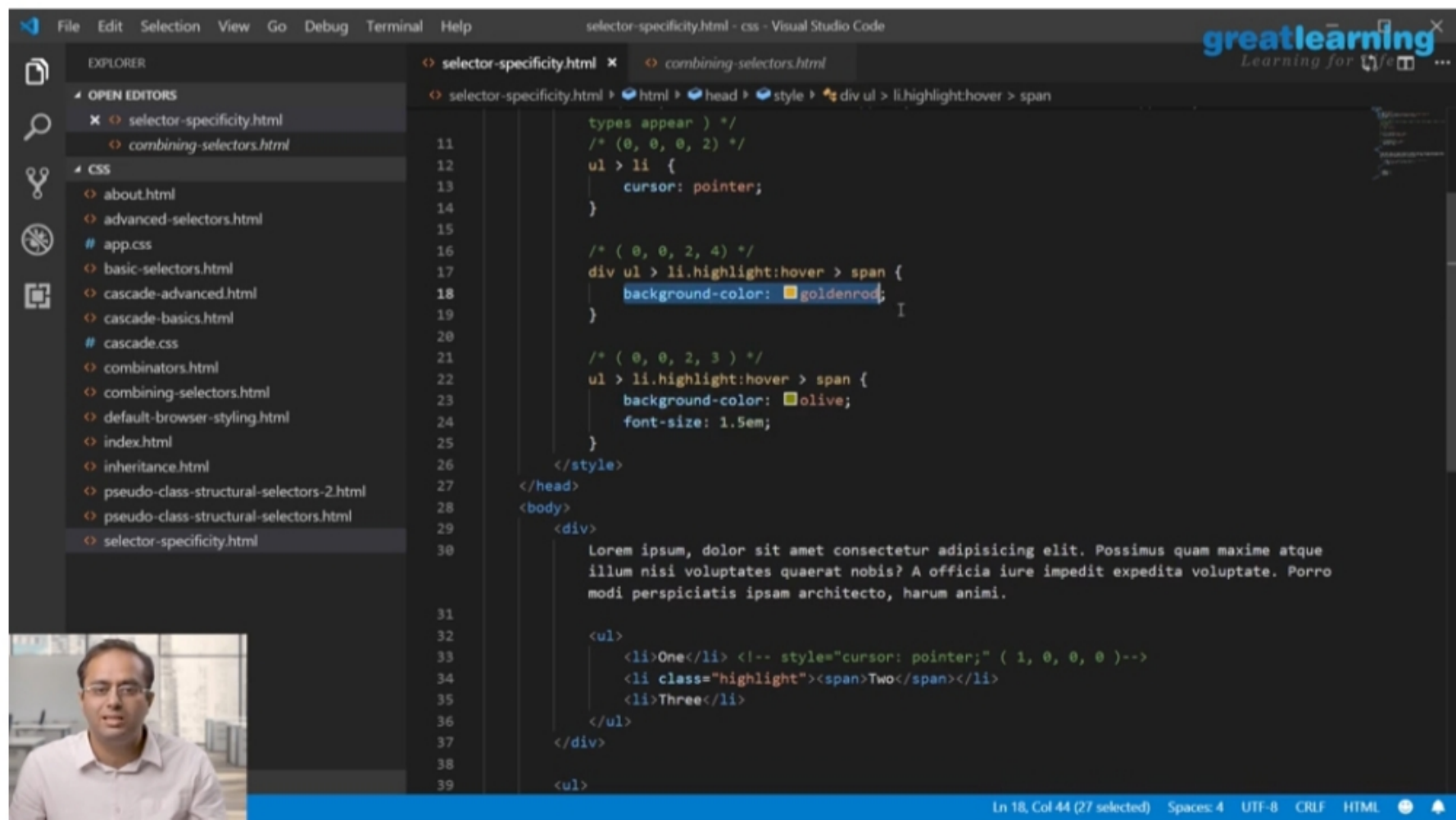
The screenshot shows the Visual Studio Code editor with a file explorer on the left and a code editor in the center. The file explorer shows a list of files, including 'selector-specificity.html' and 'combining-selectors.html'. The code editor displays the content of 'selector-specificity.html', which includes CSS rules and HTML structure. The CSS rules define styles for a list of items, with a specific rule for a highlighted item. The HTML structure includes a title, a style tag, and a body with a list of items. The status bar at the bottom indicates the current position in the file: 'Ln 15, Col 14'.

Visual Studio Code interface showing the Explorer, Search, and CSS panels. The Explorer panel lists files, including 'selector-specificity.html' and 'combining-selectors.html'. The Search panel shows results for 'selector-specificity.html'. The CSS panel displays the following code:

```
selector-specificity.html
7 <title>Document</title>
8 <style>
9   ul > li {
10     cursor: pointer;
11   }
12
13   div ul > li.highlight:hover > span {
14     background-color: goldenrod;
15   }
16
17   ul > li.highlight:hover > span {
18     background-color: olive;
19   }
20 </style>
21 </head>
22 <body>
23   <div>
24     Lorem ipsum, dolor sit amet consectetur adipisicing elit. Possimus quam maxime atque
25     illum nisi voluptates quaerat nobis? A officia iure impedit expedita voluptate. Porro
26     modi perspiciatis ipsam architecto, harum animi.
27
28     <ul>
29       <li>One</li>
30       <li class="highlight"><span>Two</span></li>
31       <li>Three</li>
32     </ul>
33
34     <ul>
35       <li>Apples</li>
36       <li>Oranges</li>
37       <li>Bananas</li>
38     </ul>
39   </div>
40 </body>
41 </html>
```

The status bar at the bottom indicates the current position in the file: Ln 15, Col 14. Spaces: 4 UTF-8 CRLF HTML.

29. Specificity Values



The screenshot displays the Visual Studio Code editor with a CSS file named `selector-specificity.html` open. The breadcrumb navigation shows the path: `html > head > style > div ul > li.highlight:hover > span`. The CSS code defines three rules with increasing specificity:

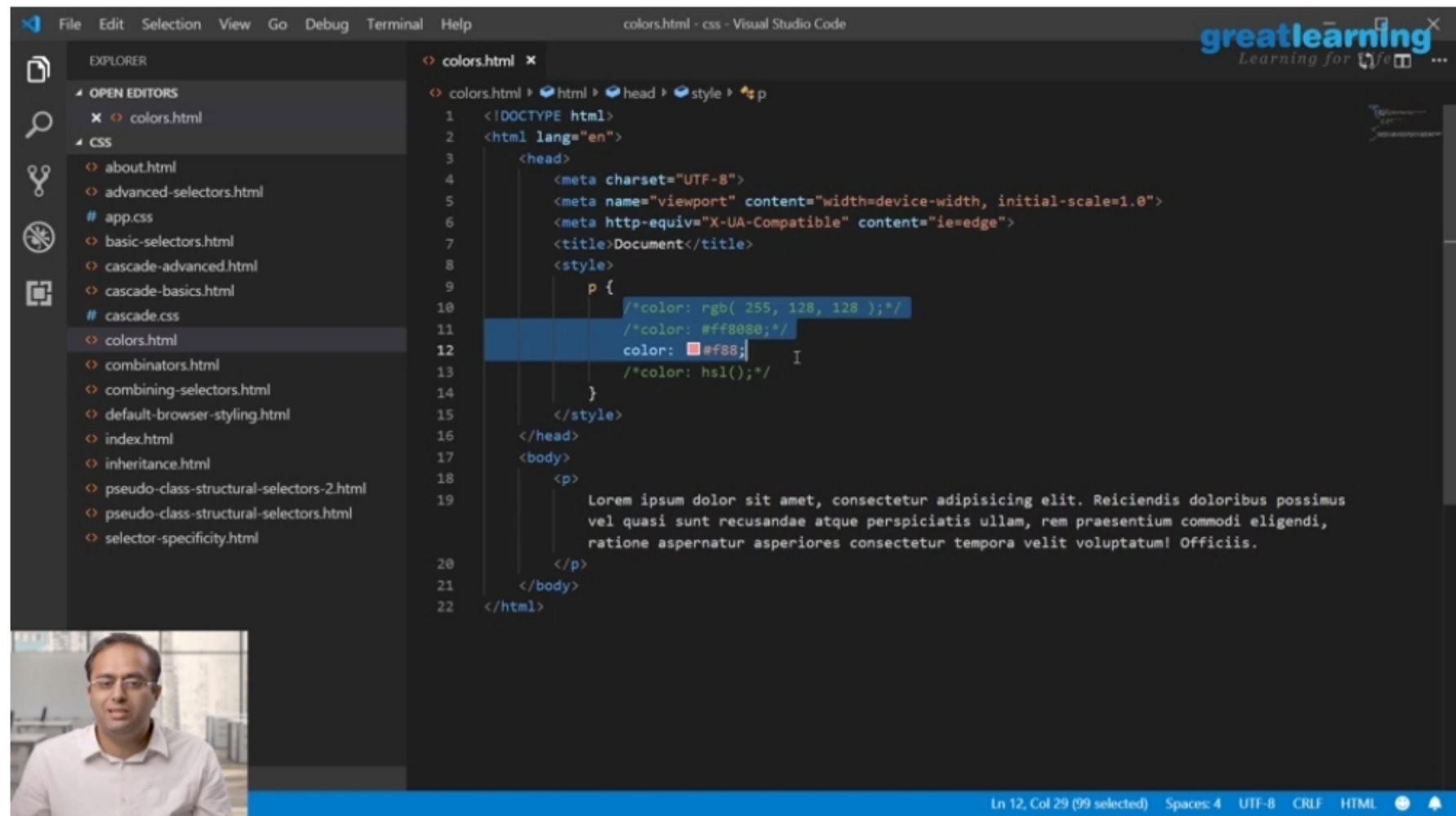
```
11 types appear ) */
12 /* (0, 0, 0, 2) */
13 ul > li {
14     cursor: pointer;
15 }
16
17 /* (0, 0, 2, 4) */
18 div ul > li.highlight:hover > span {
19     background-color: goldenrod;
20 }
21
22 /* (0, 0, 2, 3) */
23 ul > li.highlight:hover > span {
24     background-color: olive;
25     font-size: 1.5em;
26 }
27
28 </style>
29 </head>
30 <body>
31     <div>
32         Lorem ipsum, dolor sit amet consectetur adipisicing elit. Possimus quam maxime atque
33         illum nisi voluptates quaerat nobis? A officia iure impedit expedita voluptate. Porro
34         modi perspiciatis ipsam architecto, harum animi.
35
36         <ul>
37             <li>One</li> <!-- style="cursor: pointer;" ( 1, 0, 0, 0 )-->
38             <li class="highlight"><span>Two</span></li>
39             <li>Three</li>
40         </ul>
41     </div>
42
43     <ul>
```

The Explorer sidebar on the left shows a list of files, with the CSS files expanded under the 'CSS' folder. A video inset in the bottom-left corner shows a man with glasses and a light blue shirt speaking.

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Ln 18, Col 44 (27 selected) Spaces: 4 UTF-8 CRLF HTML

29. Colors RGB and Hexadecimals



The screenshot shows the Visual Studio Code editor with a file named `colors.html` open. The Explorer sidebar on the left shows a list of files, including `about.html`, `advanced-selectors.html`, `app.css`, `basic-selectors.html`, `cascade-advanced.html`, `cascade-basics.html`, `cascade.css`, `colors.html`, `combinators.html`, `combining-selectors.html`, `default-browser-styling.html`, `index.html`, `inheritance.html`, `pseudo-class-structural-selectors-2.html`, `pseudo-class-structural-selectors.html`, and `selector-specificity.html`. The `colors.html` file is selected in the Explorer.

The main editor area shows the content of `colors.html`, which is an HTML document with a CSS style block. The CSS block defines a color for a paragraph (`p`) using three different color notations: RGB, Hexadecimal, and HSL. The Hexadecimal color `#ff8080` is highlighted in the image.

```
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     <meta http-equiv="X-UA-Compatible" content="ie=edge">
7     <title>Document</title>
8     <style>
9       p {
10        /*color: rgb( 255, 128, 128 );*/
11        /*color: #ff8080;*/
12        color: #ff8080;
13        /*color: hsl();*/
14      }
15    </style>
16  </head>
17  <body>
18    <p>
19      Lorem ipsum dolor sit amet, consectetur adipiscing elit. Reiciendis doloribus possimus
20      vel quasi sunt recusandae atque perspiciatis ullam, rem praesentium commodi eligendi,
21      ratione aspernatur asperiores consectetur tempora velit voluptatum! Officiis.
22    </p>
23  </body>
24 </html>
```

The status bar at the bottom indicates the current position is Line 12, Column 29 (99 selected), with 4 spaces, UTF-8 encoding, CRLF line endings, and HTML language mode.