

Lecture-4

Coding Blocks - Kartik Mathur

CSS-HTML

Class Agenda

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CSS Types

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CSS Selectors

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Forms In Depth/Inputs

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Units in CSS

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Positions

CSS Types

1



Inline CSS

Internal CSS

External CSS

CSS types

```
<body>  
  <div class="dog animal" style="color: orange;">Dog Says Bhau Bhau...</div>  
</body>
```

Inline Style

```
<head>
  <title>Document</title>
  <!-- Internal CSS -->
  <style>
    .animal{
      background-color: ■ black;
      color: ■ white;
    }

    #boy{
      background-color: ■ green;
      color: ■ yellow;
    }
  </style>
</head>
```

Adding style using class

Adding style using ID

```
<body>
  <div class="dog animal">Dog Says Bhau Bhau...</div>
  <div id="boy">I am a boy</div>
</body>
```

Internal Style

```
<html>
<head>
  <title>Document</title>
  <!-- Include the css in head using link tag -->
  <link rel="stylesheet" href="style.css">
</head>
<body>

  <div class="dog animal">Dog Says Bhau Bhau...</div>
  <div id="boy">I am a boy</div>

</body>
</html>
```

External CSS

File created in same directory as index.html.



style.css

```
.animal {
  background-color: black;
  color: white;
}

#boy {
  background-color: green;
  color: yellow;
}
```

Specificity

2



1. Roll Number - 1 don't stand up.
 2. Entire class-A stand up.
 3. All School students sit down.
- Favourite student.



Specificity

Lowest Priority

Highest Priority



HTML Tag Element < Class Selector < Id Selector < !important

```
div {  
  color: orange  
}  
  
.mydiv {  
  color: purple;  
}  
  
#div-1 {  
  color: red;  
}  
  
div {  
  color: orange !important  
}
```

Specificity

CSS BOX MODEL

3





Box Model

Margin/Padding/Border

- All can be applied at top, left, bottom, right

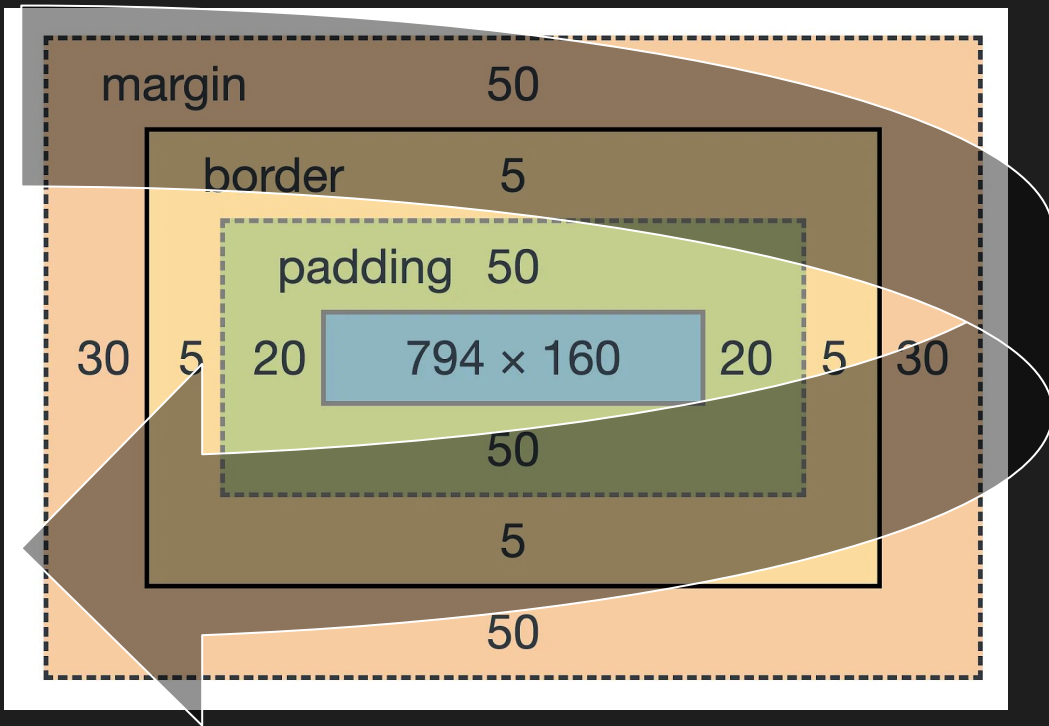
`padding: 25px;`

Applies to all
top/left/right/bottom

Top/bottom left/right
`padding: 10px 20px;`

Top right bottom left
`padding: 10px 20px 30px 40px;`

Box Model

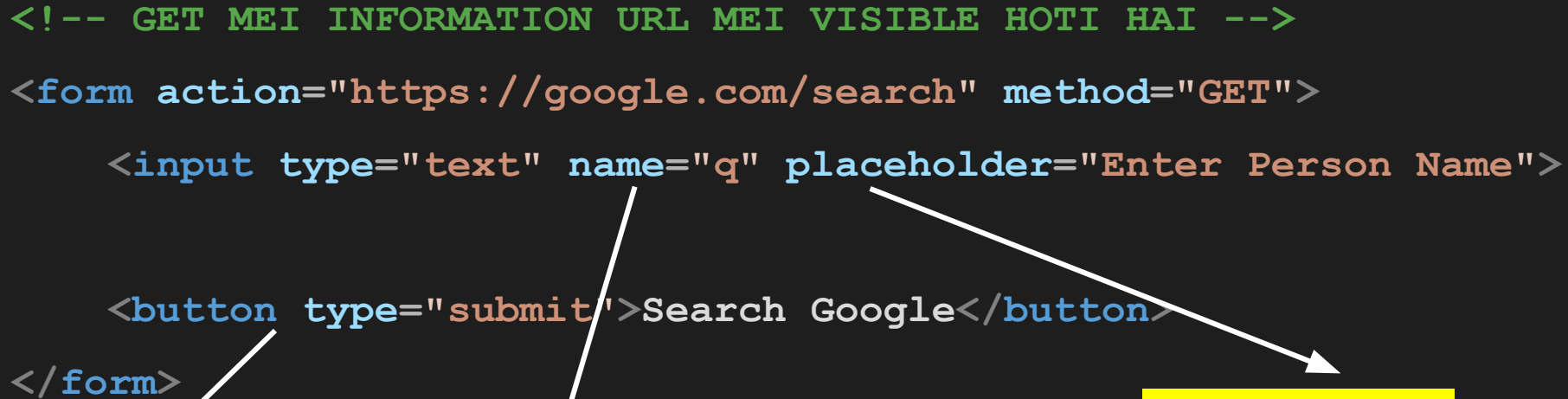


Forms in depth/inputs

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```
<!-- GET MEI INFORMATION URL MEI VISIBLE HOTI HAI -->
<form action="https://google.com/search" method="GET">
  <input type="text" name="q" placeholder="Enter Person Name">
  <button type="submit">Search Google</button>
</form>
```



Button to send request.

Becomes key in google search
(Technical Jargon is query parameter)

User input value
inside the text box
becomes value

Forms - GET request to chrome