



BLACKBUCK
ENGINEERS



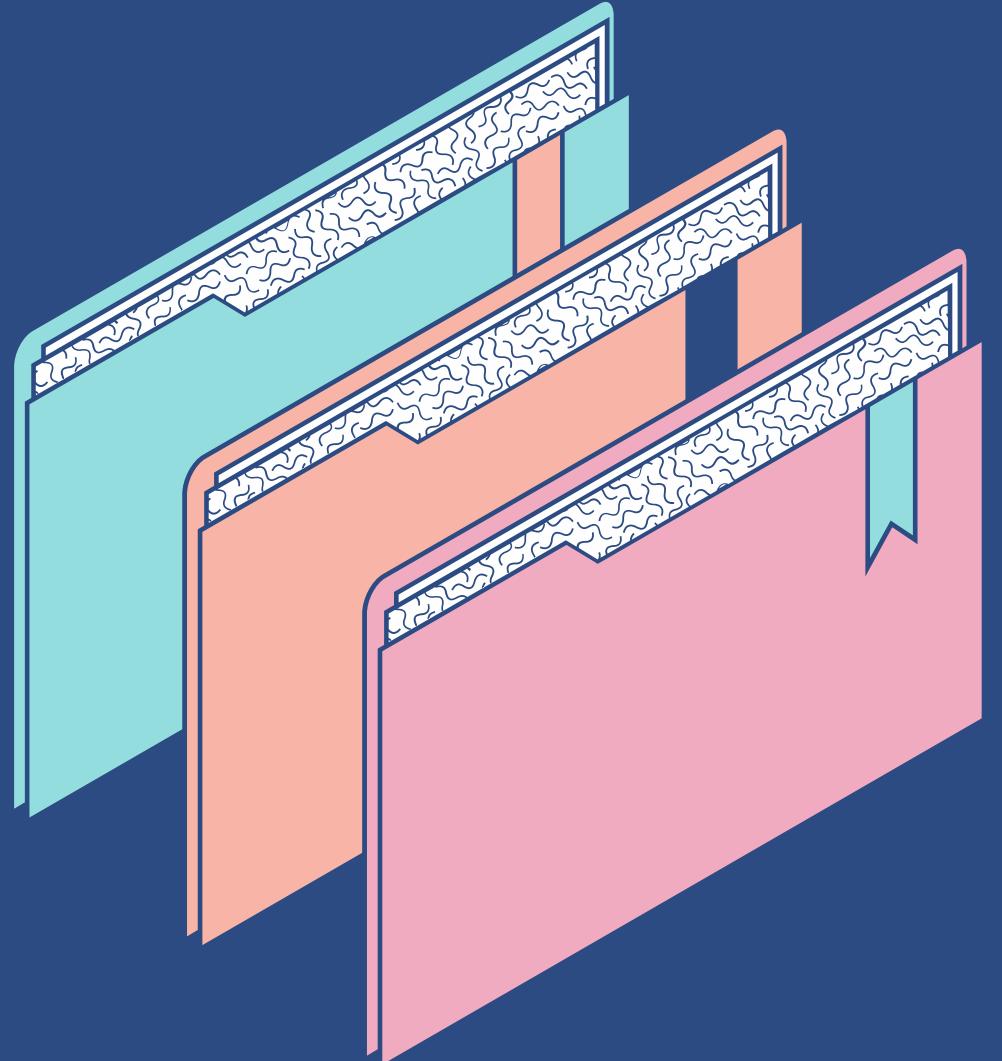
The MERN Development Lab

Session 2 - Exploring HTML5

BY AQUIB AJANI

Session Agenda

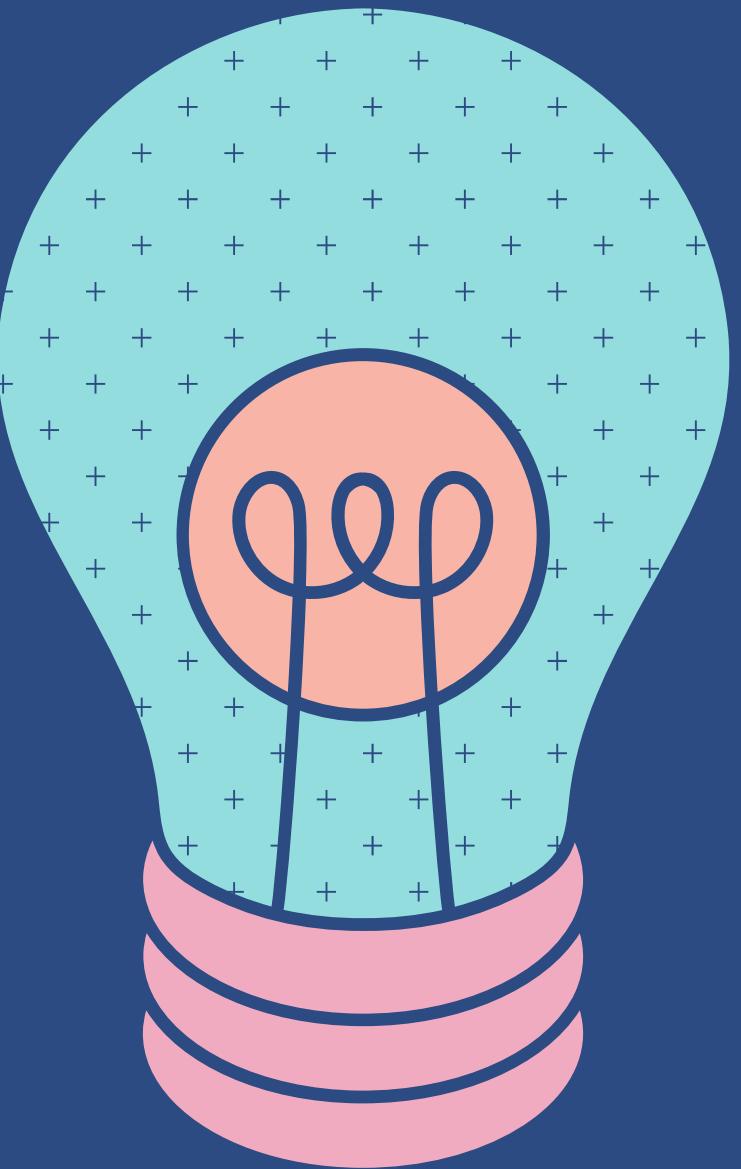
EXPLORING HTML5



- Think It Through
- Recap
- What is HTML5?
- Text Tags in HTML5
- Links in HTML5
- Media Tags in HTML5
- Tables in HTML5
- Forms in HTML5
- Layout Tags in HTML5
- The HTML5 Boilerplate

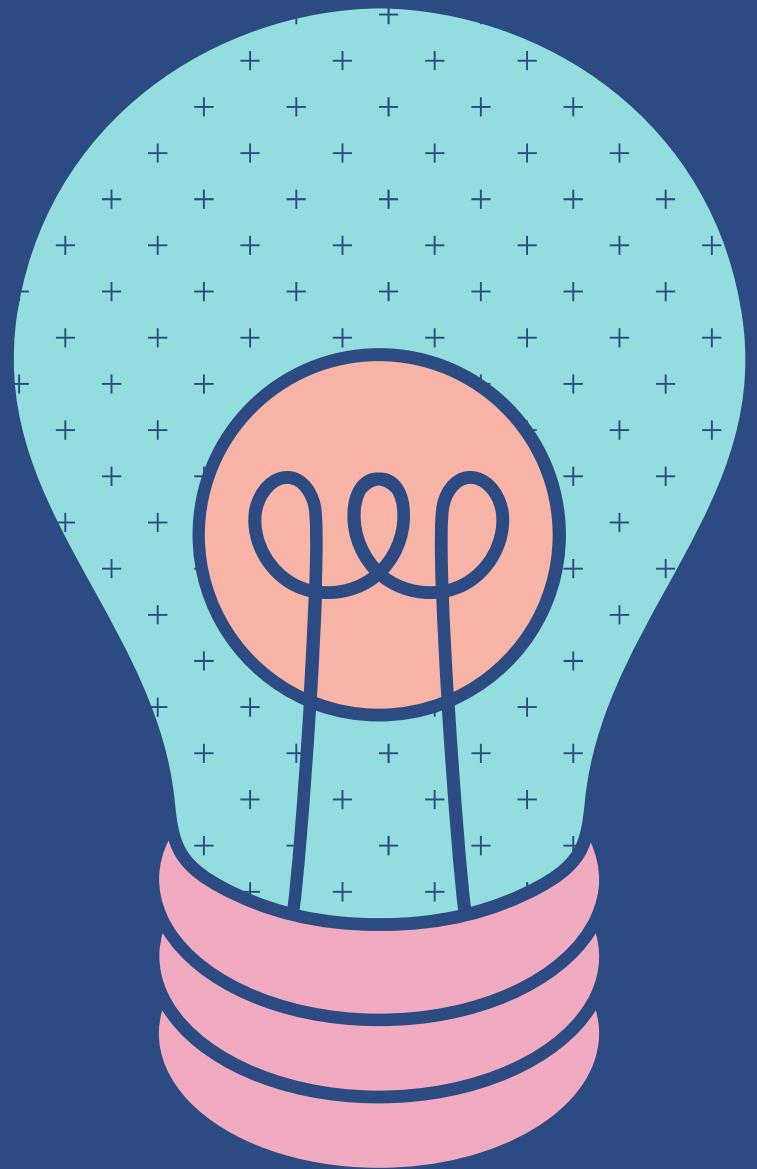
**“I have keys but open no locks.
I have space but no room. You
can enter, but you can't go
outside. What am I?”**

#ThinkItThrough



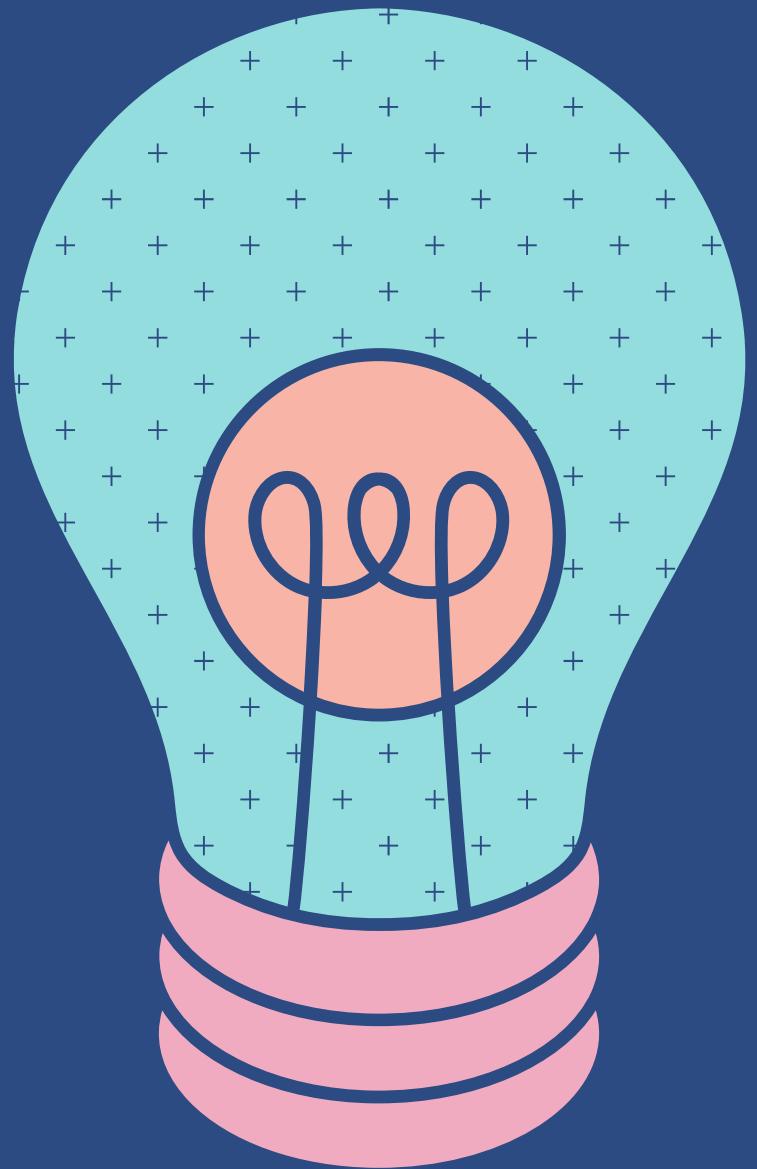
**“I am taken from a mine, and
shut up in a wooden case, from
which I am never released, and
yet I am used by almost every
person. What am I?”**

#ThinkItThrough

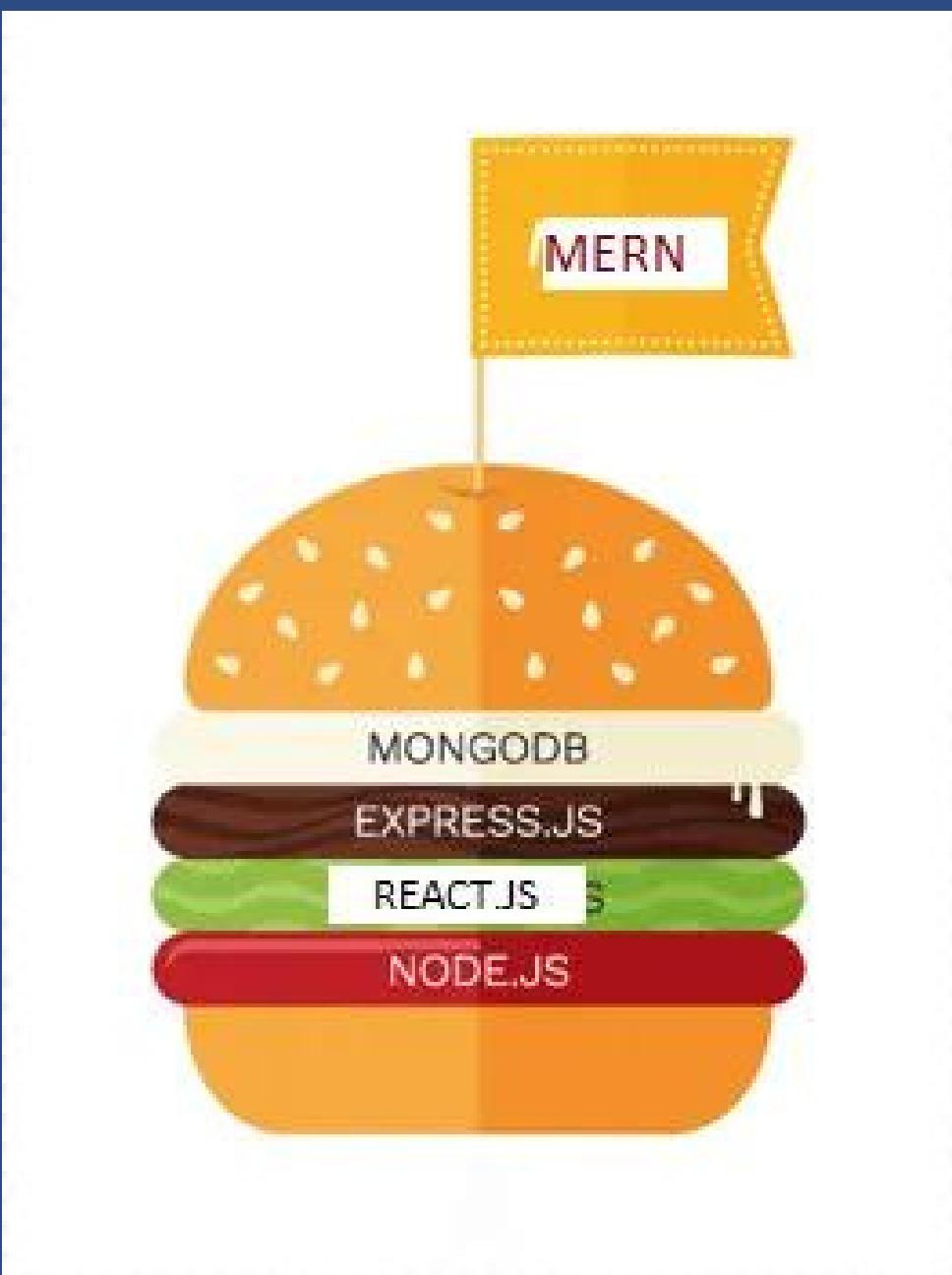


**“Person A shoots Person B.
Then holds them under water
for 5 minutes. Finally, Person A
hangs Person B. But after 10
minutes they both go out
together and enjoy a
wonderful dinner together.
How can this be?”**

#ThinkItThrough



The MERN Stack



A meme featuring the character 'The Most Interesting Man in the World' from the TV show 'Bottlecap'. He is an older man with a full grey beard and mustache, wearing a dark pinstripe suit jacket over a white shirt. He is leaning forward, resting his chin on his hand, with a thoughtful expression. In front of him on a wooden surface are two cans of beer, one labeled 'XX' and the other 'XXX'. The background is a dark, patterned wall.

I DON'T ALWAYS NEED A
WEBSITE

BUT WHEN I DO, I HAVE
NO IDEA WHERE TO
START

memegenerator.co

The Journey of a Website

1. Requirements Engineering
2. Wireframing
3. Development
4. Testing
5. Deployment
6. Maintenance



Visual Studio Code



What is HTML5?





Tags and Attributes

`<tagname style="property:value;">`

Text Tags in HTML5

Heading Tags
`<h1>` to `<h6>`

Paragraph Tags
`<p>`

Lists in HTML
``, ``, ``

HTML Formatting
``, `<i>`, `<u>`
``, ``

Comments
`<!-- message -->`

Miscellaneous Tags
`
`, `<hr>`

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Heading Tags
`<h1>` to `<h6>`

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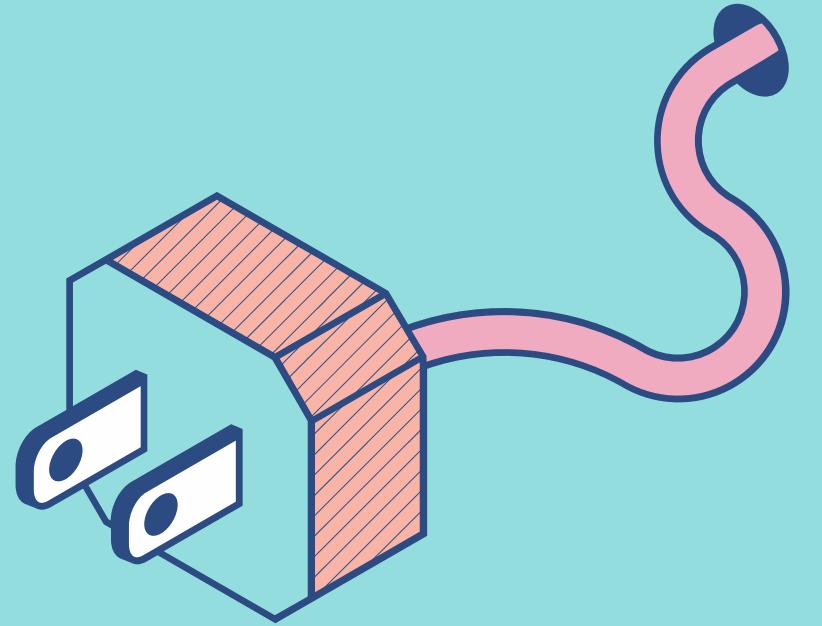
HTML Formatting
``, `<i>`, `<u>`
``, ``

Comments
`<!-- message -->`

Miscellaneous Tags
`
`, `<hr>`

Links in HTML5

<a>



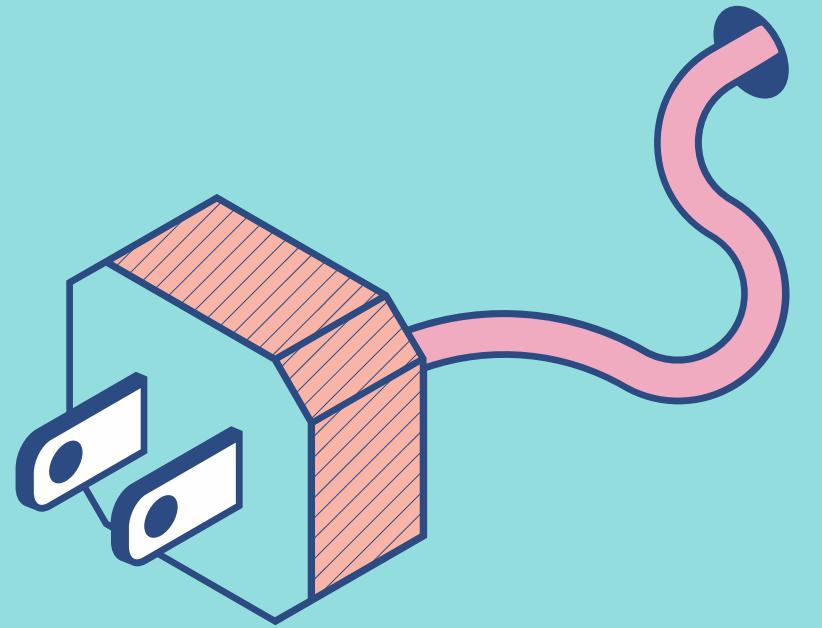
Linking to an External Website

Linking to an Internal Webpage

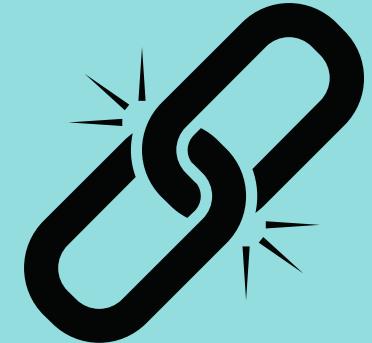
Linking to a section on the Same Page

Links in HTML5

<a>



Linking to an External Website

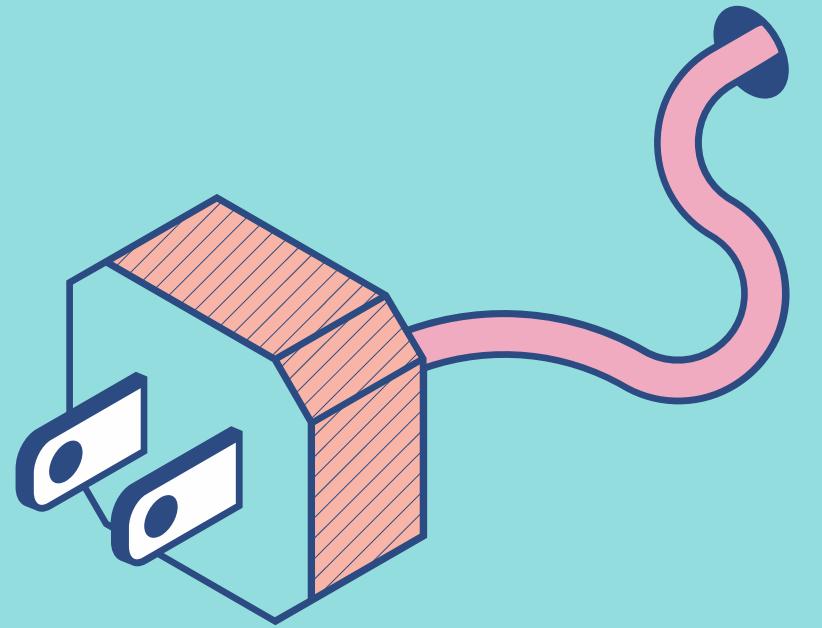


Linking to an Internal Webpage

Linking to a section on the Same Page

Links in HTML5

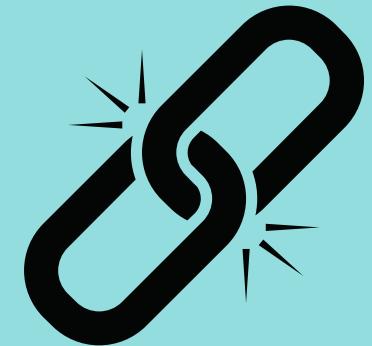
<a>



Linking to an External Website



Linking to an Internal Webpage



Linking to a section on the Same Page

Do you have any questions?



Media Tags in HTML5

Images
``

Audio
`<audio>`

Video
`<video>`

External Embeds
`<iframe>`

Media Tags in HTML5

Images
``

Audio
`<audio>`

Video
`<video>`

External Embeds
`<iframe>`

Media Tags in HTML5

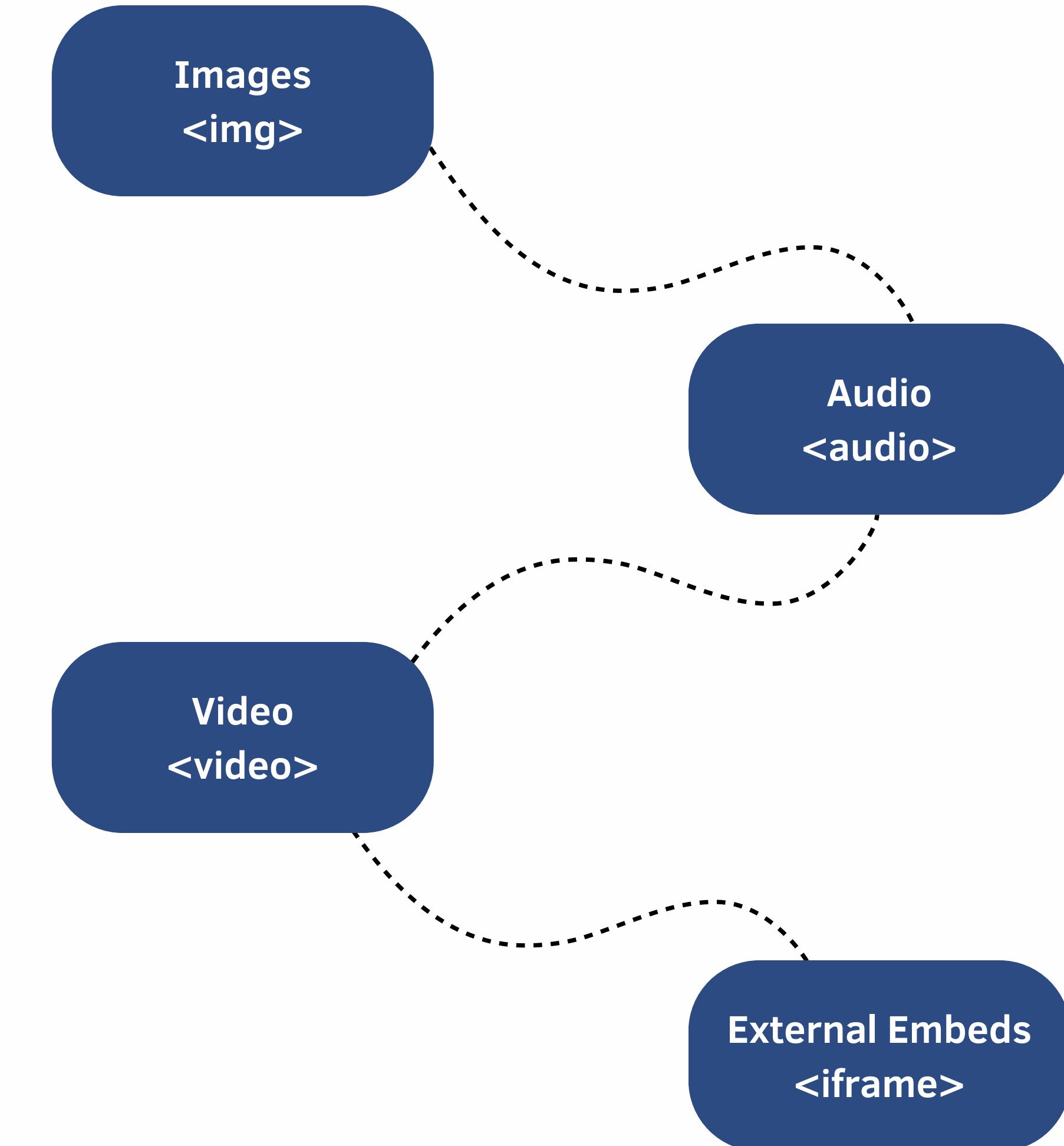
Images
``

Audio
`<audio>`

Video
`<video>`

External Embeds
`<iframe>`

Media Tags in HTML5



Do you have any questions?

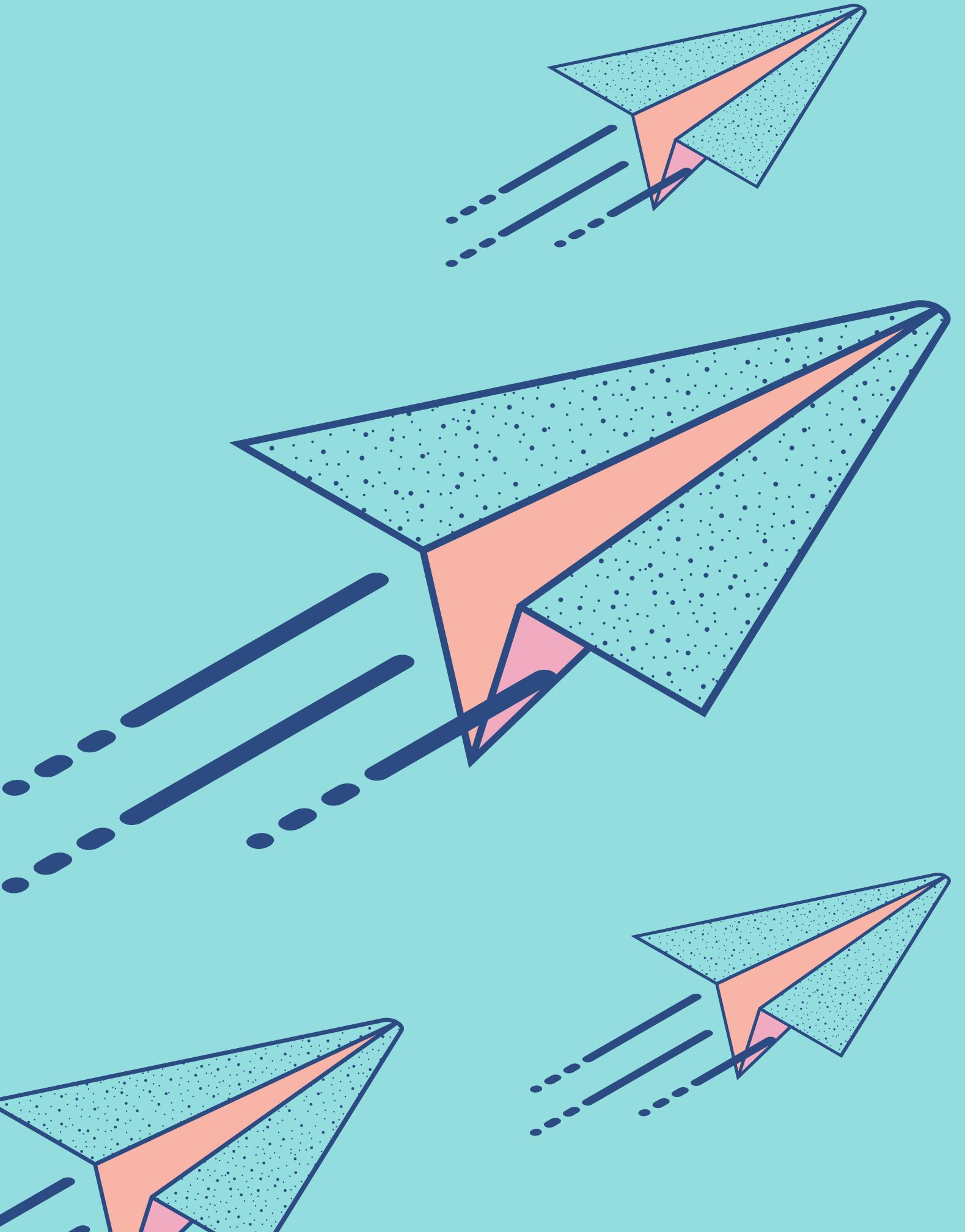


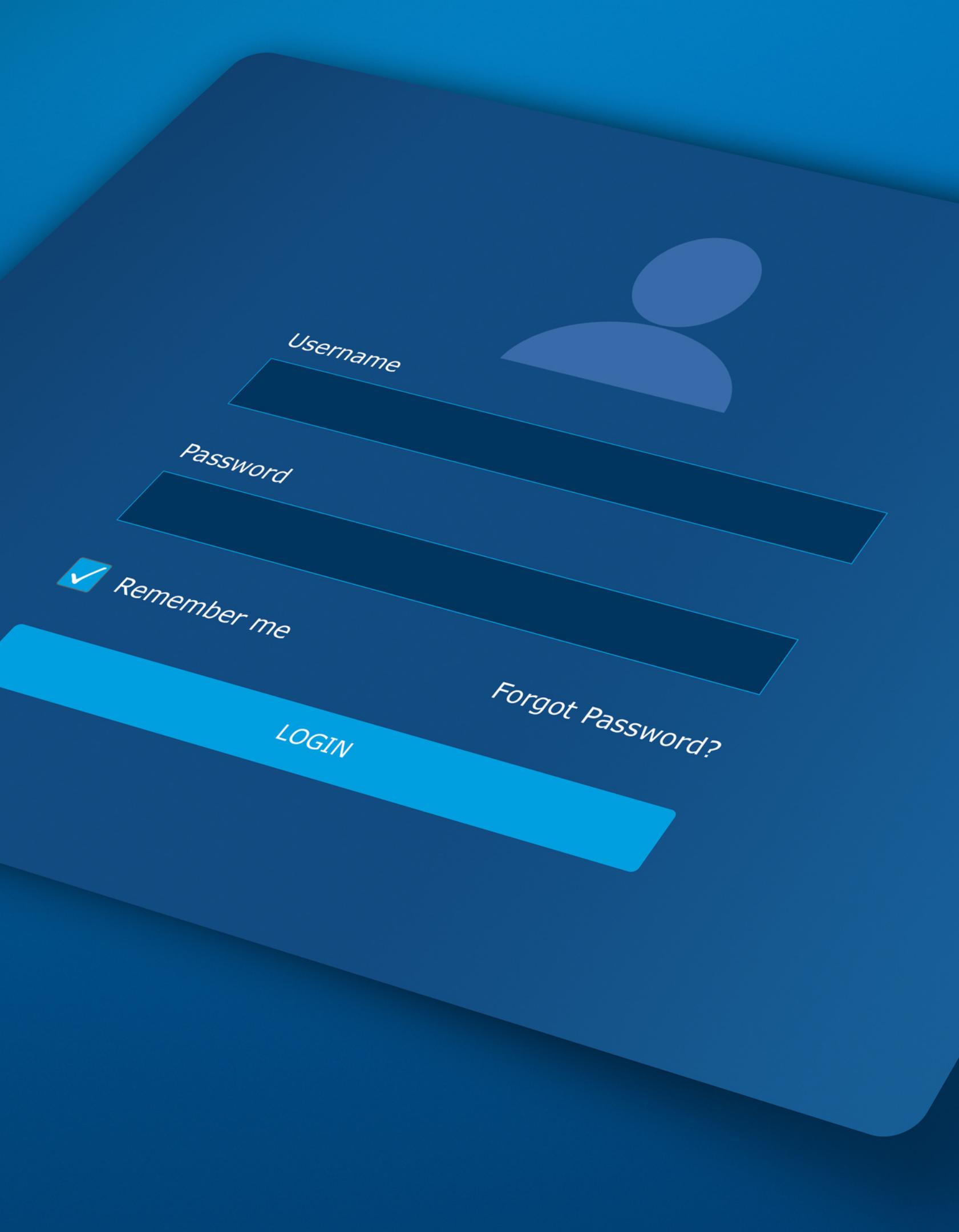
Tables in HTML5

<table>, <thead>, <tbody>, <tfoot>, <caption> <th>, <tr>, <td>

S NO	NAME	PLACE	ANIMAL	THINGS
1	Priya	Pune	Peacock	Pen
2	Mohan	Mumbai	Monkey	Matchbox
3	Asma	Agra	Alligator	Alarm Clock
4	Vishnu	Visakhapatnam	Vulture	Violin

Do you have any questions?





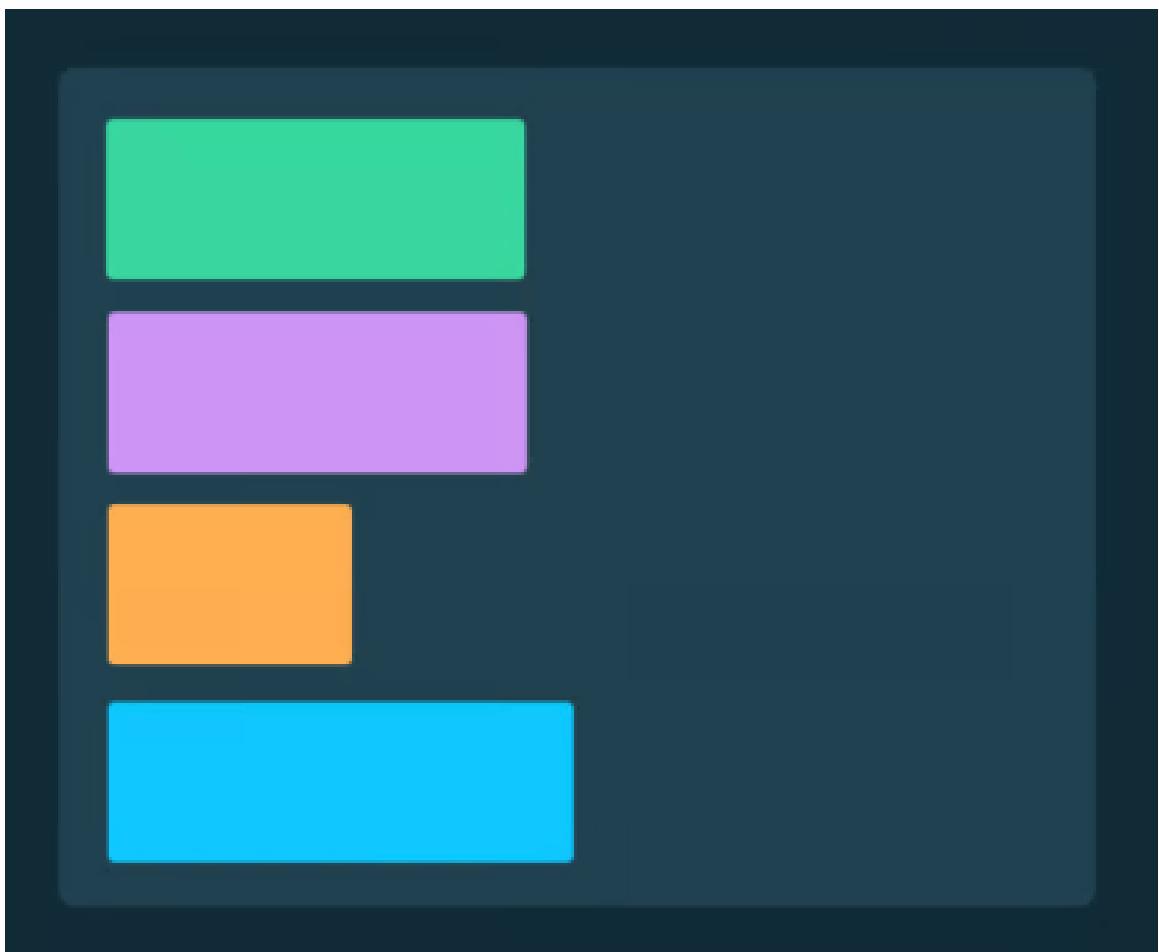
Forms in HTML5

`<form>, <input>, <label>`

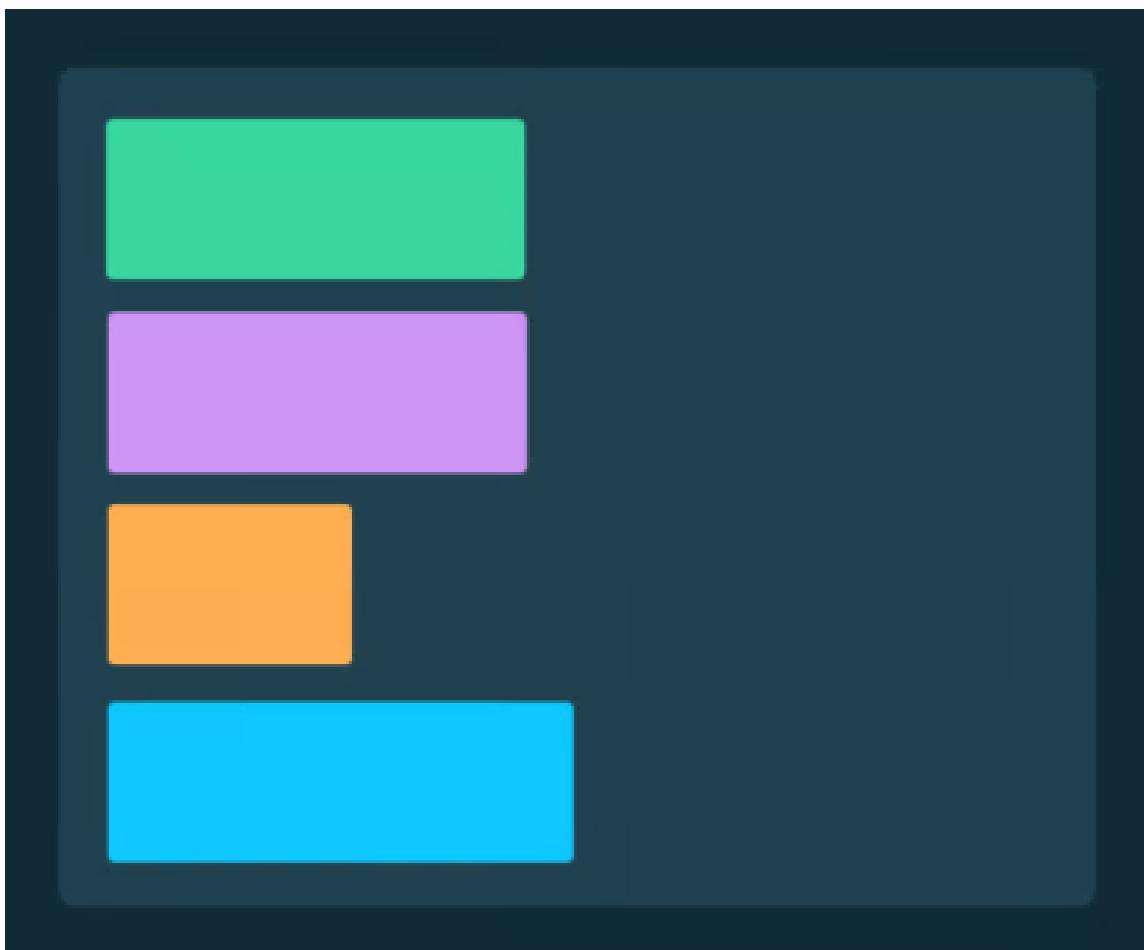
Do you have any questions?



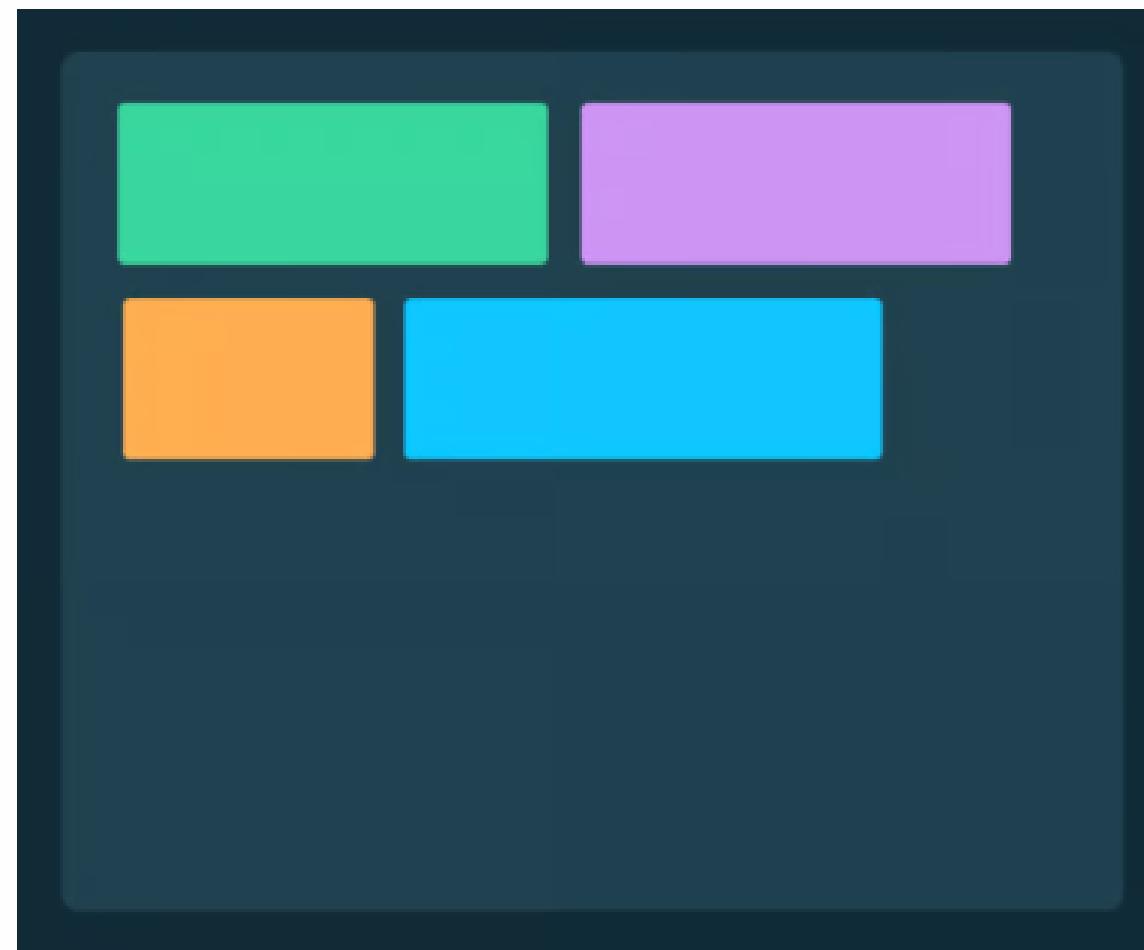
Block Elements



Block Elements



Inline Elements



Layout Tags in HTML5

<div>

London

London is the capital city of England.

London has over 13 million inhabitants.

Oslo

Oslo is the capital city of Norway.

Oslo has over 600.000 inhabitants.

Rome

Rome is the capital city of Italy.

Rome has almost 3 million inhabitants.

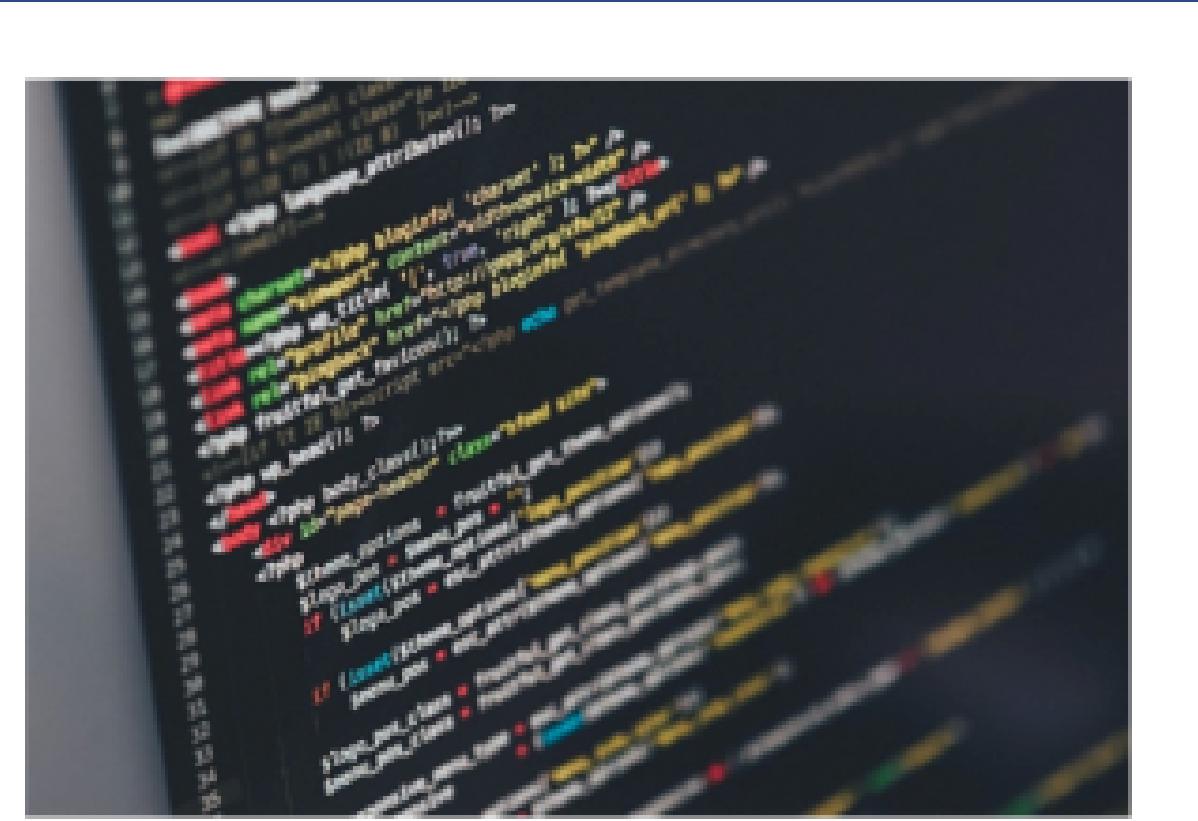
I have choosen only red, blue, and green colors for my painting.

```
<!DOCTYPE html>
<html>
  <head>
    <meta charset="utf-8">
    <title>Title</title>
  </head>
  <body>
    <h1>Hello World!</h1>
  </body>
</html>
```

The HTML5 Boilerplate

<!DOCTYPE>, <html>, <head>, <title>, <body>, <header>, <footer>, <article>, <section>

#LetsCode



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Do you have any questions?

