The background features abstract, overlapping green geometric shapes, primarily triangles and polygons, in various shades of green, creating a modern and dynamic visual effect.

# HTML & CSS Course Lecture No-3

By  
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# Review Last Class

HTML layout:

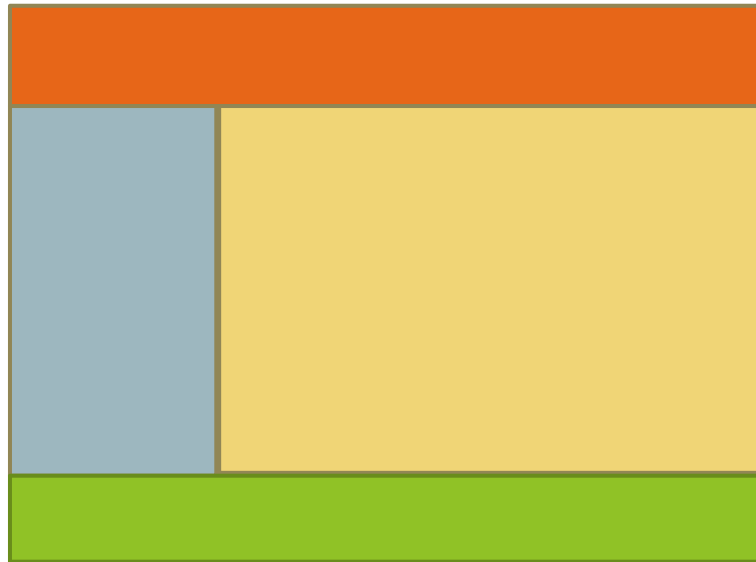
What is html layout?

How to think for design a web layout?

How to start HTML coding for designing HTML layout?

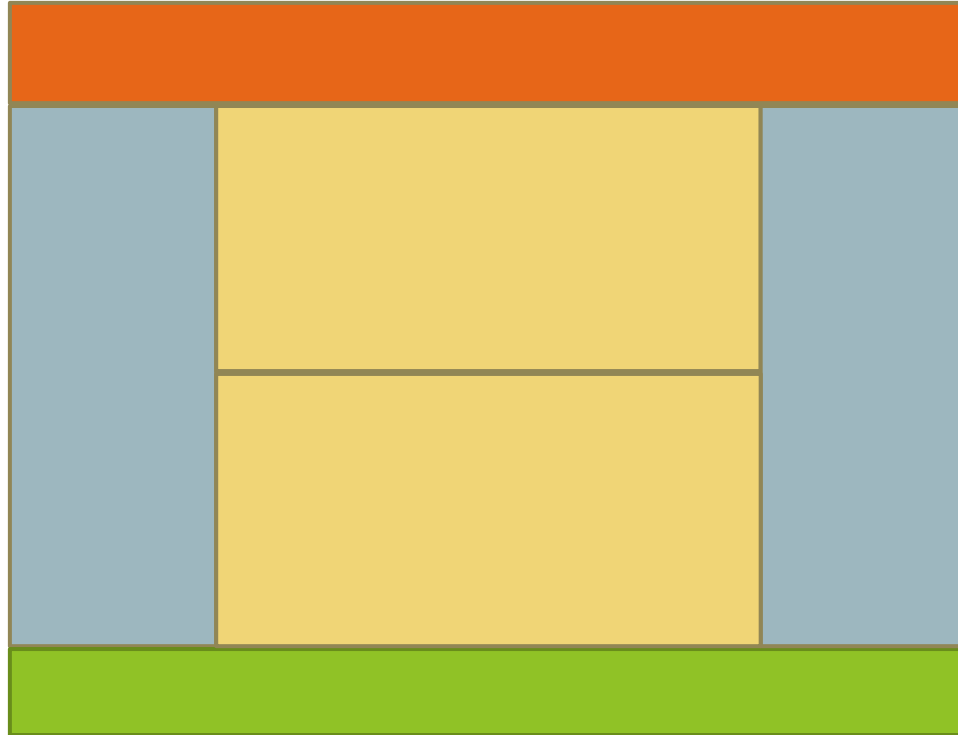
Practice:

Previous days layout design using html5 structure



# Review Last Class

Let's Practice:



# Review Last Class

HTML Form's:

Design the facebook sign up page

## Sign Up

It's free and always will be.

**Birthday**

Month

Day

Year

Why do I need to provide my birthday?

☐ Female ☐ Male

By clicking Sign Up, you agree to our [Terms](#) and that you have read our [Data Policy](#), including our [Cookie Use](#).

Sign Up

# HTML Media

Multimedia on the web, is sound, music, videos, movies, and animations.

## **What is Multimedia?**

Multimedia comes in many different formats. It can be almost anything you can hear or see.

Examples: Pictures, music, sound, videos, records, films, animations, and more.

## **Browser Support**

## **Multimedia Formats**

Multimedia elements (like sounds or videos) are stored in media files. Multimedia files also have their own formats and different extensions like: .swf, .wav, .mp3, .mp4, .mpg, .wmv, and .avi.

# HTML Video

## The HTML <video> Element(Example)

```
<video width="320" height="240" controls>  
  <source src="movie.mp4" type="video/mp4">  
  <source src="movie.ogv" type="video/ogg">  
  Your browser does not support the video tag.  
</video>
```

## Works:

- The **controls** attribute adds video controls, like play, pause, and volume.
- It is a good idea to always include **width** and **height** attributes.
- If height and width are not set, the browser does not know the size of the video.
- Text between the <video> and </video> tags will only display in browsers that do not support the <video> element.
- Multiple <source> elements can link to different video files. The browser will use the first recognized format.

# HTML Video

## HTML Video - Browser Support

Browser	MP4	WebM	Ogg
Internet Explorer	YES	NO	NO
Chrome	YES	YES	YES
Firefox	YES	YES	YES
Safari	YES	NO	NO
Opera	YES	YES	YES

## HTML Video - Media Types

File Format	Media Type
MP4	Video/mp4
WebM	Video/webm
Ogg	Video/ogg

# HTML Audio

## The HTML <audio> Element(Example)

```
<audio controls>
```

```
  <source src="horse.ogg" type="audio/ogg">
```

```
  <source src="horse.mp3" type="audio/mpeg">
```

```
Your browser does not support the audio element.
```

```
</audio>
```

### Works:

- The **controls** attribute adds audio controls, like play, pause, and volume.
- Text between the <audio> and </audio> tags will display in browsers that do not support the <audio> element.
- Multiple **<source>** elements can link to different audio files. The browser will use the first recognized format.



# HTML Video

## HTML audio- Browser Support

Browser	MP3	Wav	Ogg
Internet Explorer	YES	NO	NO
Chrome	YES	YES	YES
Firefox	YES	YES	YES
Safari	YES	YES	NO
Opera	YES	YES	YES

## HTML audio- Media Types

File Format	Media Type
MP3	audio/mpeg
Ogg	audio/ogg
Wav	audio/wav

# HTML Plug-ins

The purpose of a plug-in, is to extend the functionality of the HTML browser.

## The <object> Element

```
<object width="400" height="50" data="data_element_loc"></object>
```

## The <embed> Element

```
<embed width="400" height="50" src="data_src">
```

# HTML YouTube Videos

## Playing a YouTube Video in HTML

(Recommended method)

```
<iframe width="420" height="315"  
src="http://www.youtube.com/embed/XGSy3_Czz8k">  
</iframe>
```

- What is google map?
- Why we use google map into web site?
- How to integrate google map into a webpage?

# Practice

Design this two layouts:

