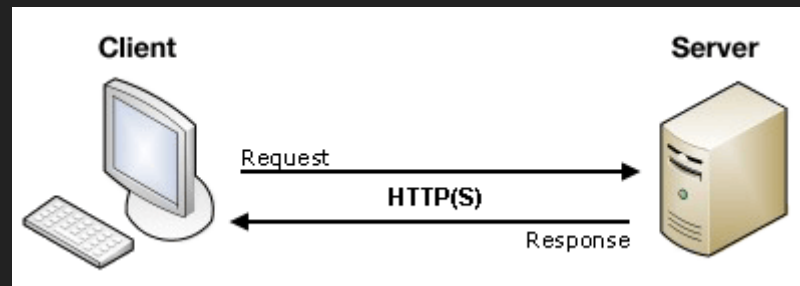


<Coding Club>

BASIC STRUCTURE



HTML

- Hypertext Markup Language
- Proposal of 18 elements by Tim Berners-Lee in 1993
- Influenced by Cern's SGML
- IETF creates new standard in '94
- W3C create new standard in '96
- Became an ISO/IEC standard in 2000
- WHATWG pushed for a new standard in '14

```
<!DOCTYPE html>  
<html lang="en">  
<head>  
  <title>Document Title</title>  
</head>  
<body>  
  
</body>  
</html>
```

CSS

- Born in 1996 in conjunction with the new HTML standard
- The goal was to provide separation of content and presentation
- This provided Accessibility:
 - Screen readers
 - Captions/Titles/Sub-titles
 - Logical tab advancement
 - Simple and logical


```
body {  
    background-color: red;  
}
```

```
header {  
    height: 4em;  
}
```

JAVASCRIPT

- Abbreviated as JS
- High-level, interpreted programming language
- Dynamic, weakly typed, prototype-based, and multi-paradigm

- Developed as Mocha
- Released as LiveScript in NetScape Navigator 2.0 Beta
- Released as JavaScript in the official release

```
for (var i=1; i <= 20; i++)  
{  
    if (i % 15 == 0)  
        console.log("FizzBuzz");  
    else if (i % 3 == 0)  
        console.log("Fizz");  
    else if (i % 5 == 0)  
        console.log("Buzz");  
    else  
        console.log(i);  
}
```

FUTURE

- Annual releases of
ECMAScript
- Web Assembly