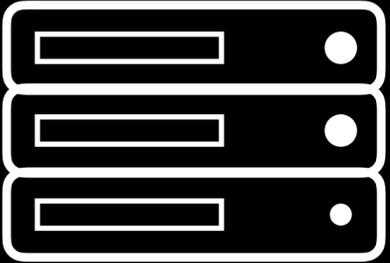


Web Programming

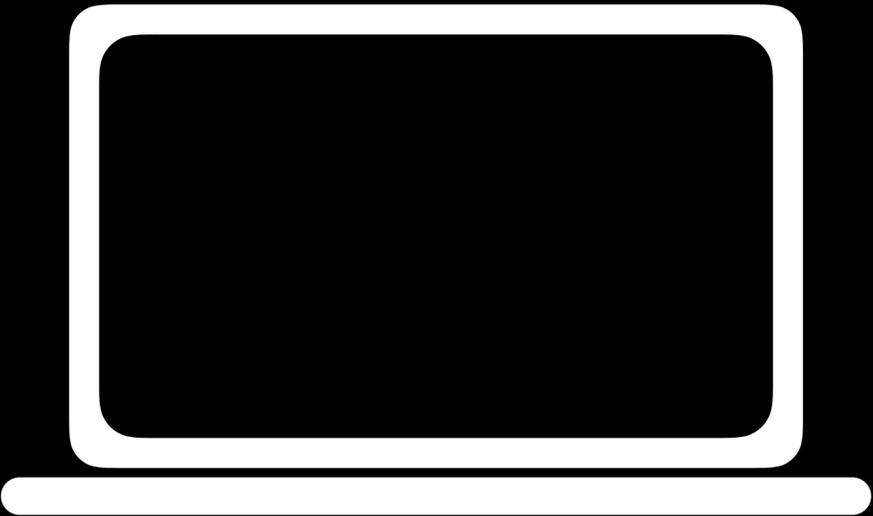
with Python and JavaScript

JavaScript

Server



Client



JavaScript

```
<script>
```

```
</script>
```

```
<script>  
    alert('Hello, world!');  
</script>
```

Functions

```
function hello() {  
    alert('Hello, world!');  
}
```

Events

- `onclick`
- `onmouseover`
- `onkeydown`
- `onkeyup`
- `onload`
- `onblur`
- ...

querySelector

- `document.querySelector('tag')`
- `document.querySelector('#id')`
- `document.querySelector('.class')`

Local Storage

- `localStorage.getItem(key)`
- `localStorage.setItem(key, value)`

APIs

JSON

```
{  
  "origin": "New York",  
  "destination": "London",  
  "duration": 415  
}
```

```
{
  "origin": {
    "city": "New York",
    "code": "JFK"
  },
  "destination": {
    "city": "London",
    "code": "LHR"
  },
  "duration": 415
}
```

```
{
  "rates": {
    "EUR": 0.907,
    "JPY": 109.716,
    "GBP": 0.766,
    "AUD": 1.479
  },
  "base": "USD"
}
```

JavaScript

Web Programming

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