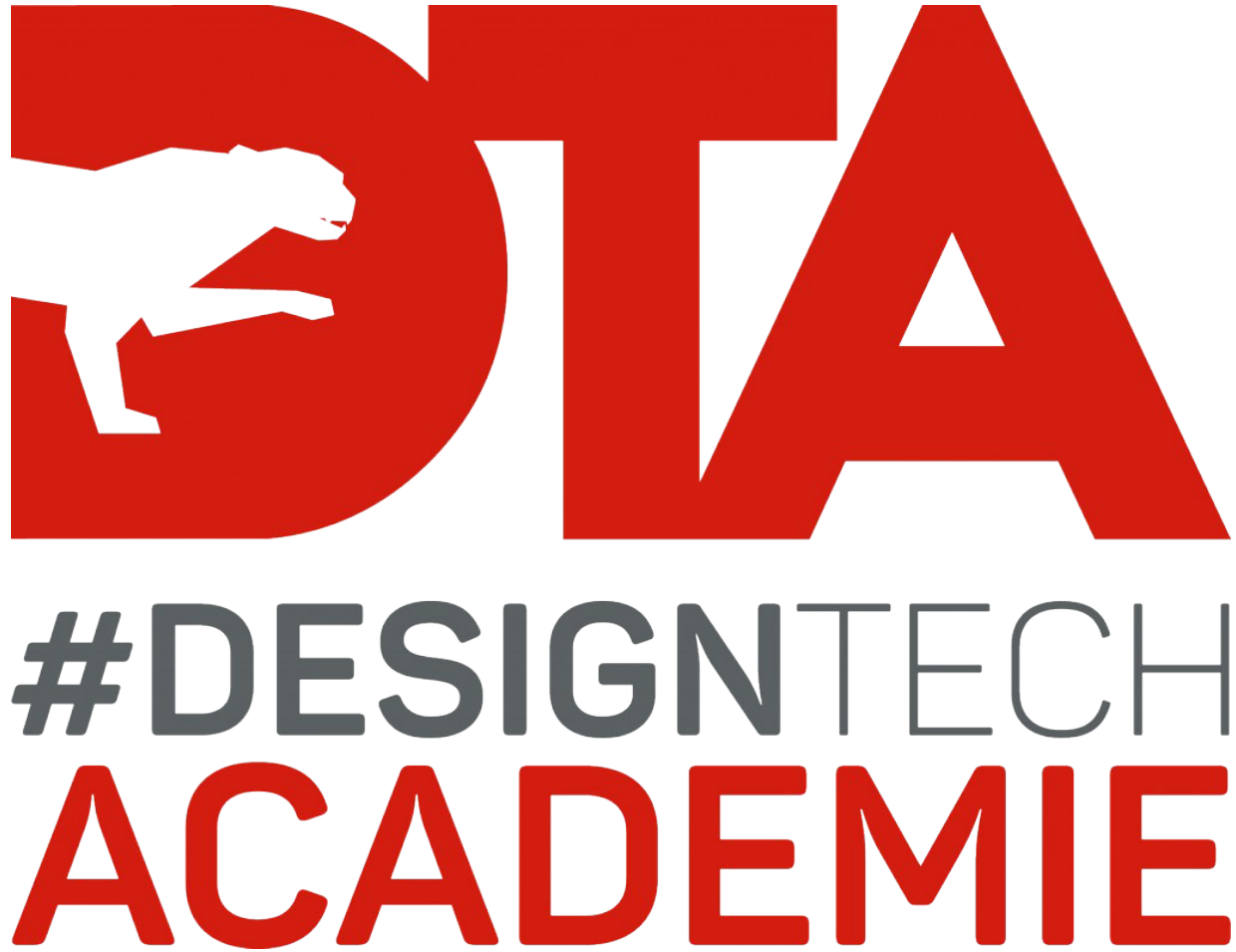
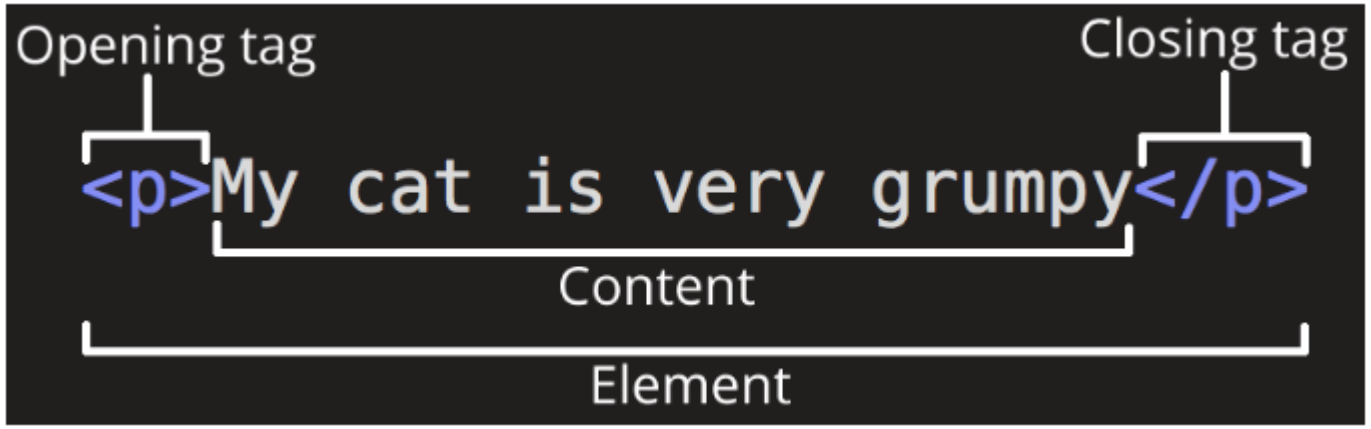

DTA
#DESIGNTECH
ACADEMIE

1.

HTML

Intro HTML CSS JS HTTP



#DESIGNTECH ACADEMIE

Intro HTML CSS JS HTTP

#DESIGNTECH ACADEMIE

Intro HTML CSS JS HTTP

```
1 | <p>My cat is <strong>very</strong> grumpy.</p>
```

```
1 | <p>My cat is <strong>very grumpy.</p></strong>
```

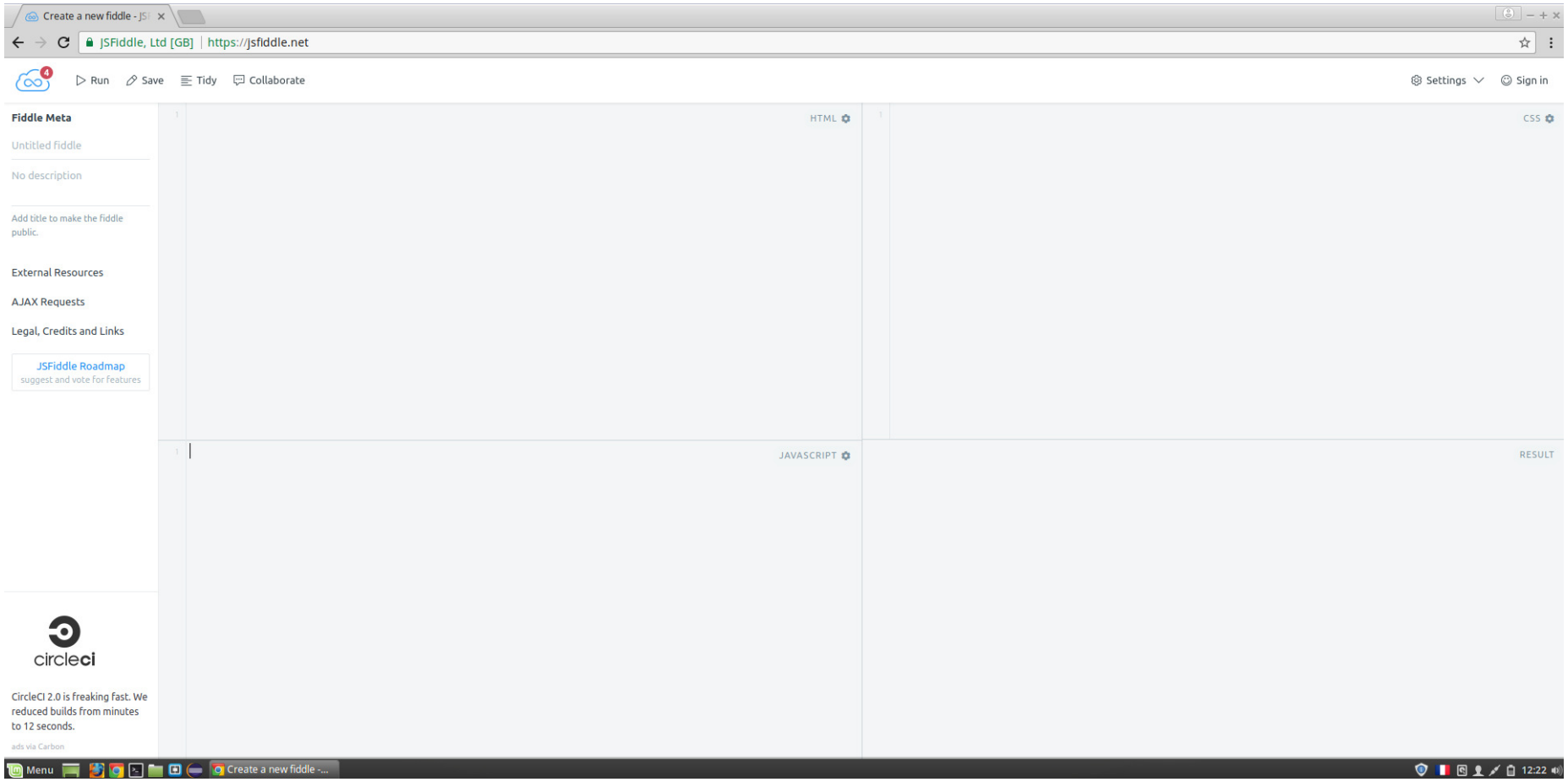
#DESIGNTECH ACADEMIE

Intro HTML CSS JS HTTP

```
1 | <img src="images/firefox-icon.png" alt="My test image">
```

#DESIGNTECH ACADEMIE

Intro HTML CSS JS HTTP



#DESIGNTECH ACADEMIE

Intro HTML CSS JS HTTP

```html
<!DOCTYPE html>
<html>
  <head>
    <meta charset="utf-8">
    <title>My test page</title>
  </head>
  <body>
    <img src="images/firefox-icon.png" alt="My test image">
  </body>
</html>
```

DTA
#DESIGNTECH
ACADEMIE

Intro HTML CSS JS HTTP

```
1 <h1>My main title</h1>
2 <h2>My top level heading</h2>
3 <h3>My subheading</h3>
4 <h4>My sub-subheading</h4>
```

DTA
#DESIGNTECH
ACADEMIE

Intro HTML CSS JS HTTP

```
1 | <p>This is a single paragraph</p>
```

#DESIGNTECH ACADEMIE

Intro HTML CSS JS HTTP

```
<p>At Mozilla, we're a global community of</p>

<ul>
  <li>technologists</li>
  <li>thinkers</li>
  <li>builders</li>
</ul>

<p>working together ... </p>
```

#DESIGNTECH ACADEMIE

Intro HTML CSS JS HTTP

```
1 | <a href="https://www.mozilla.org/en-US/about/manifesto/">Mozilla Manifesto</a>
```

DTA
#DESIGNTECH
ACADEMIE

Intro HTML CSS JS HTTP

```
<table>
  <tr>
    <td>Hi, I'm your first cell.</td>
    <td>I'm your second cell.</td>
    <td>I'm your third cell.</td>
    <td>I'm your fourth cell.</td>
  </tr>
  <tr>
    <td>Second row, first cell.</td>
    <td>Cell 2.</td>
    <td>Cell 3.</td>
    <td>Cell 4.</td>
  </tr>
</table>
```

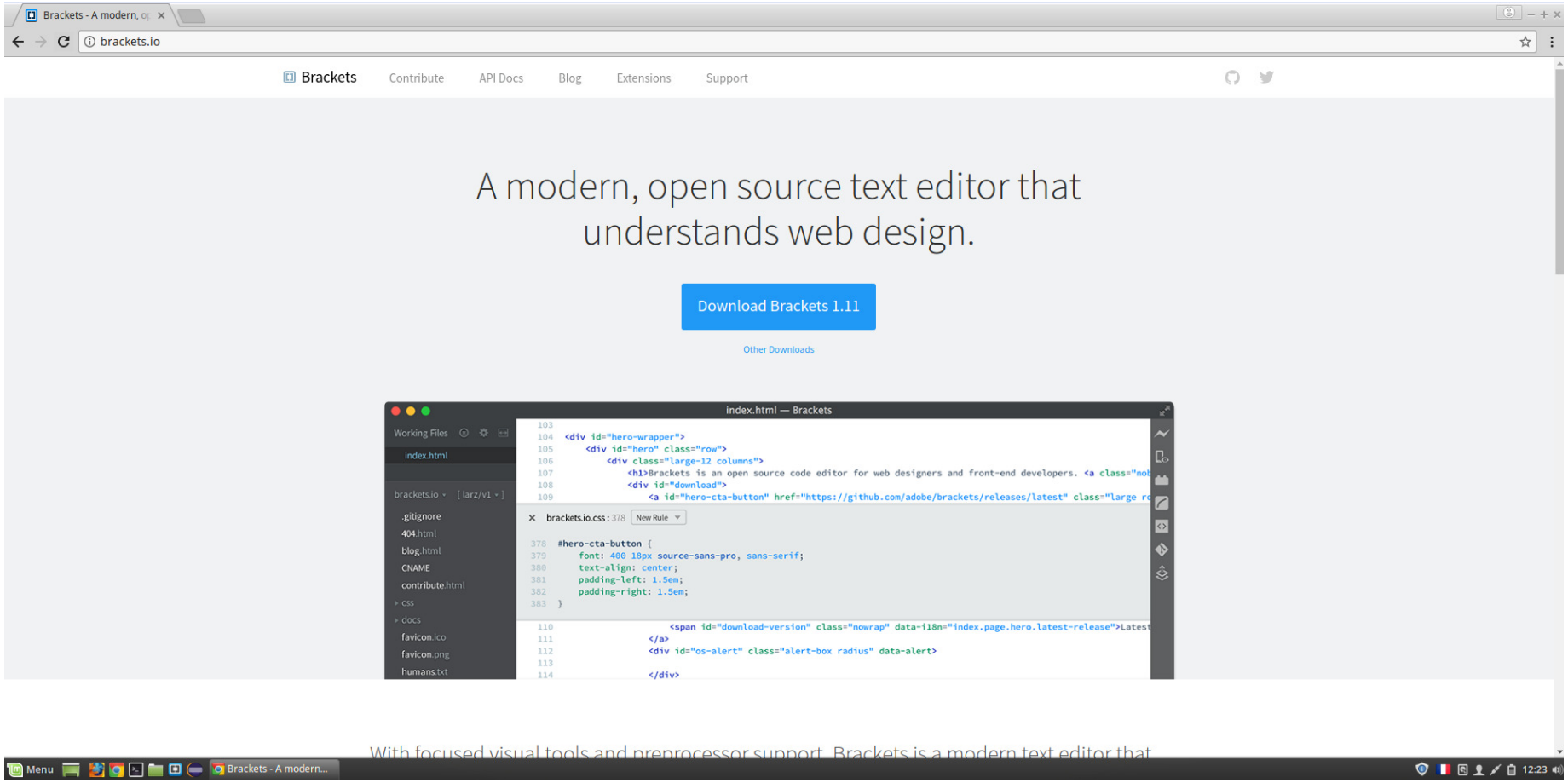
DTA
#DESIGNTECH
ACADEMIE

Intro HTML CSS JS HTTP

```
<form action="/my-handling-form-page" method="post">
    <div>
      <label for="name">Name:</label> <input type="text" id="name" name="user_name">
    </div>
    <div>
      <label for="mail">E-mail:</label> <input type="email" id="mail" name="user_mail">
    </div>
    <div>
      <label for="msg">Message:</label> <textarea id="msg" name="user_message"></textarea>
    </div>
    <div class="button">
      <button type="submit">Send your message</button>
    </div>
</form>
```

DTA
#DESIGNTECH
ACADEMIE

Intro HTML CSS JS HTTP



#DESIGNTECH ACADEMIE

2.

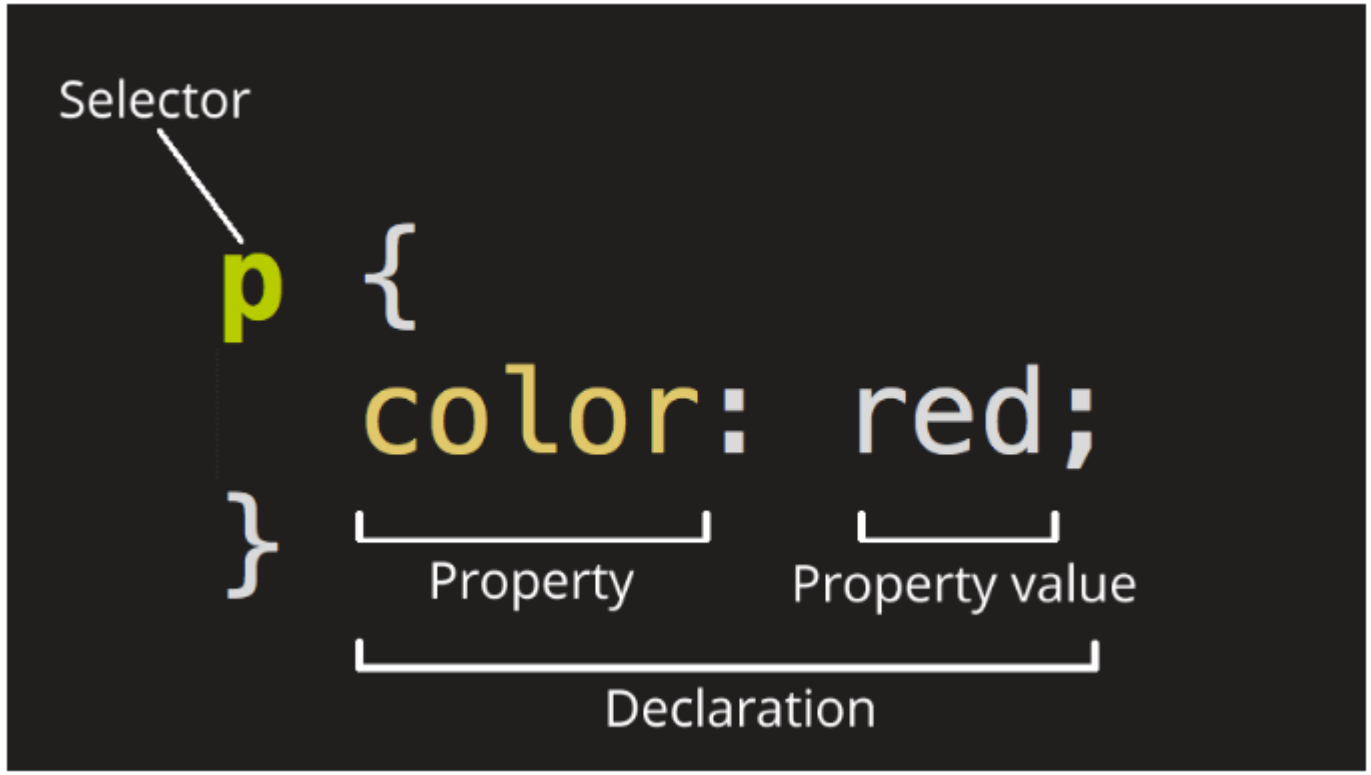
CSS

Intro HTML CSS JS HTTP

```
1 | <link href="styles/style.css" rel="stylesheet" type="text/css">
```

#DESIGNTECH
ACADEMIE

Intro HTML CSS JS HTTP



#DESIGNTECH ACADEMIE

Intro HTML CSS JS HTTP

Selector name	What does it select	Example
Element selector (sometimes called a tag or type selector)	All HTML element(s) of the specified type.	`p` Selects `<p>`
ID selector	The element on the page with the specified ID (on a given HTML page, you're only allowed one element per ID).	`#my-id` Selects `<p id="my-id">` or `<a id="my-id">`
Class selector	The element(s) on the page with the specified class (multiple class instances can appear on a page).	`.my-class` Selects `<p class="my-class">` and `<a class="my-class">`
Attribute selector	The element(s) on the page with the specified attribute.	`img[src]` Selects `<img src="myimage.png">` but not `<img>`
Pseudo-class selector	The specified element(s), but only when in the specified state, e.g. being hovered over.	`a:hover` Selects `<a>`, but only when the mouse pointer is hovering over the link.

DTA
#DESIGNTECH
ACADEMIE

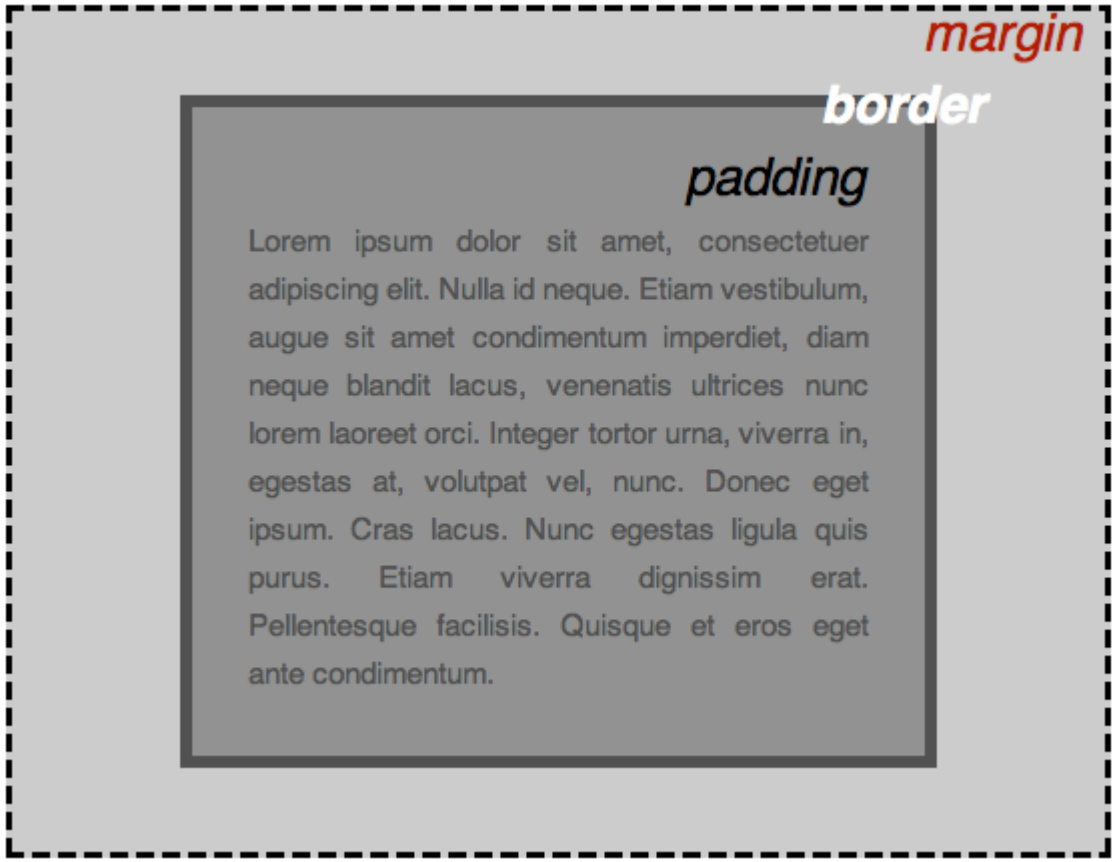
Intro HTML CSS JS HTTP

```css
h1 {
  font-size: 60px;
  text-align: center;
}

p, li {
  font-size: 16px;
  line-height: 2;
  letter-spacing: 1px;
}
```

#DESIGNTECH ACADEMIE

Intro HTML CSS JS HTTP



#DESIGNTECH ACADEMIE

Intro HTML CSS JS HTTP

```css
html {
  background-color: #00539F;
}
```

```css
body {
  width: 600px;
  margin: 0 auto;
  background-color: #FF9500;
  padding: 0 20px 20px 20px;
  border: 5px solid black;
}
```

#DESIGNTECH ACADEMIE

Intro HTML CSS JS HTTP

```css
h1 {
  margin: 0;
  padding: 20px 0;
  color: #00539F;
  text-shadow: 3px 3px 1px black;
}
```

```css
img {
  display: block;
  margin: 0 auto;
}
```

DTA
#DESIGNTECH
ACADEMIE

3.

JS

Intro HTML CSS JS HTTP

```
1 | <script src="scripts/main.js"></script>
```

#DESIGNTECH ACADEMIE

Intro HTML CSS JS HTTP

```
1  var myHeading = document.querySelector('h1');
2  myHeading.textContent = 'Hello world!';
```

#DESIGNTECH ACADEMIE

Intro HTML CSS JS HTTP

```
1 var myVariable = 'Bob';
2 myVariable = 'Steve';
```

DTA
#DESIGNTECH
ACADEMIE

Intro HTML CSS JS HTTP

Variable	Explanation	Example
String	A sequence of text known as a string. To signify that the value is a string, you must enclose it in quote marks.	`var myVariable = 'Bob';`
Number	A number. Numbers don't have quotes around them.	`var myVariable = 10;`
Boolean	A True/False value. The words `true` and `false` are special keywords in JS, and don't need quotes.	`var myVariable = true;`
Array	A structure that allows you to store multiple values in one single reference.	`var myVariable = [1,'Bob','Steve',10];` Refer to each member of the array like this: `myVariable[0]`, `myVariable[1]`, etc.
Object	Basically, anything. Everything in JavaScript is an object, and can be stored in a variable. Keep this in mind as you learn.	`var myVariable = document.querySelector('h1');` All of the above examples too.

DTA
#DESIGNTECH
ACADEMIE

Intro HTML CSS JS HTTP

```
var iceCream = 'chocolate';
if (iceCream === 'chocolate') {
  alert('Yay, I love chocolate ice cream!');
} else {
  alert('Awwww, but chocolate is my favorite...');
}
```

```
var cats = ['Bill', 'Jeff', 'Pete', 'Biggles', 'Jasmin'];
var info = 'My cats are called ';
var para = document.querySelector('p');

for (var i = 0; i < cats.length; i++) {
  info += cats[i] + ', ';
}

para.textContent = info;
```

DTA
#DESIGNTECH
ACADEMIE

Intro HTML CSS JS HTTP

```
1  function multiply(num1,num2) {
2    var result = num1 * num2;
3    return result;
4  }
```

```
1  multiply(4,7);
2  multiply(20,20);
3  multiply(0.5,3);
```

DTA
#DESIGNTECH
ACADEMIE

Intro HTML CSS JS HTTP

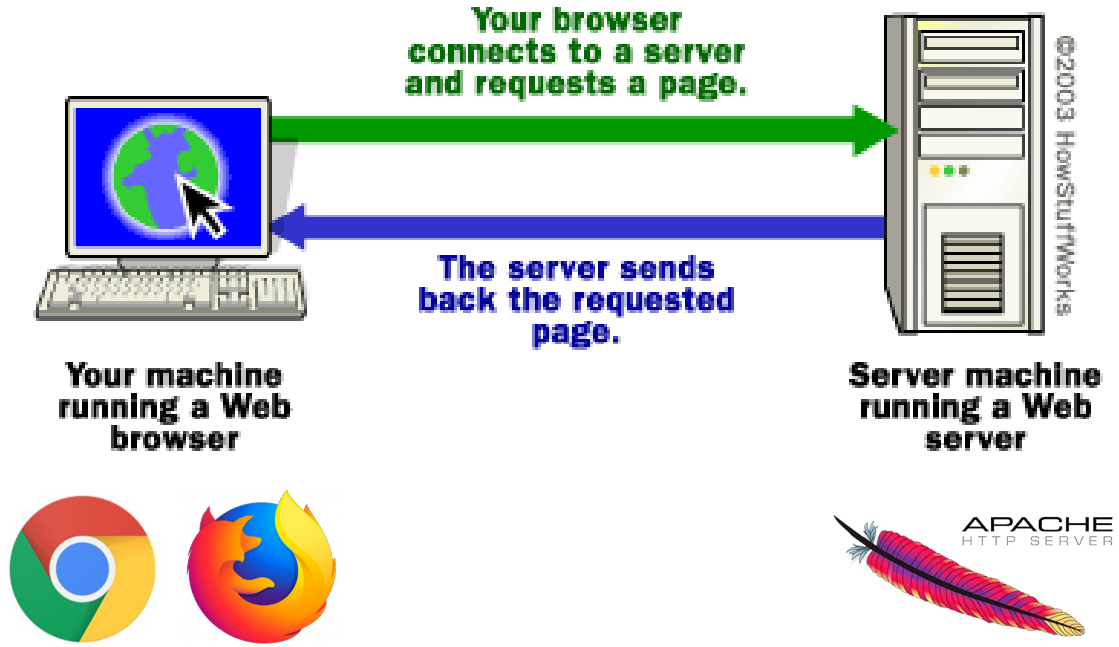
```
1  document.querySelector('html').onclick = function() {
2      alert('Ouch! Stop poking me!');
3  }
```

#DESIGNTECH ACADEMIE

4.

HTTP

Intro HTML CSS JS HTTP



#DESIGNTECH ACADEMIE

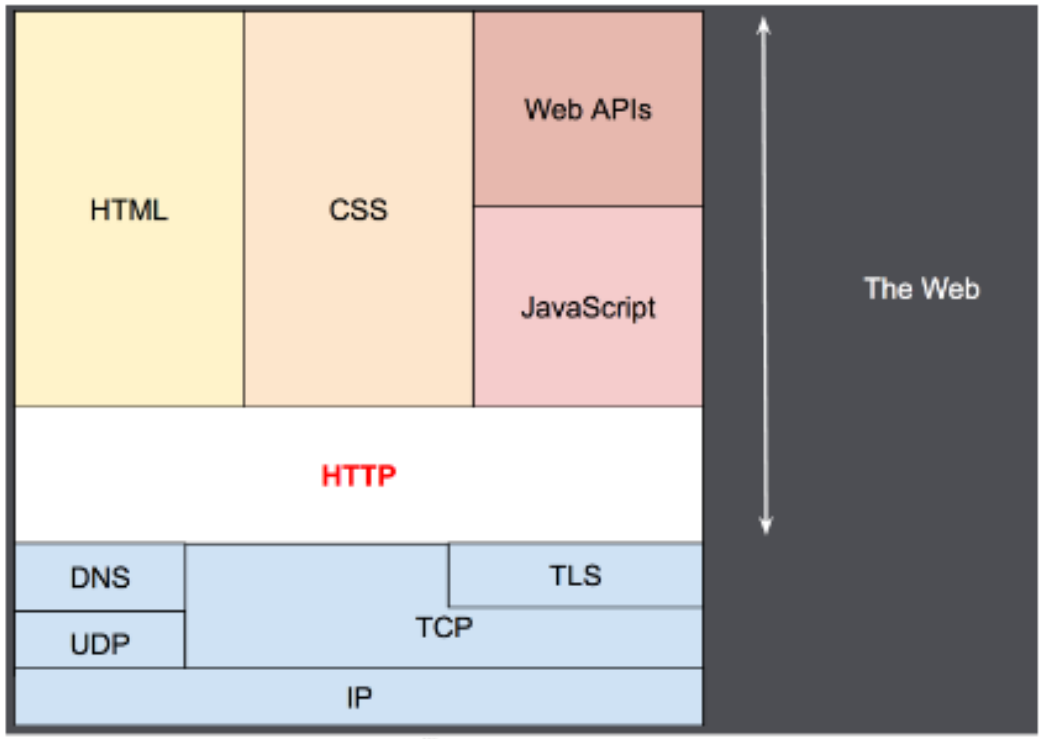
Intro HTML CSS JS HTTP

https://openclassrooms.com/fr/courses/1733551-gerez-votre-serveur-linux-et-ses-services/5236051-installez-le-serveur-web-le-plus-utilise-au-monde-apache

https://openclassrooms.com/fr/courses/857447-apprenez-le-fonctionnement-des-reseaux-tcp-ip/857445-le-service-web

DTA
#DESIGNTECH
ACADEMIE

Intro HTML CSS JS HTTP



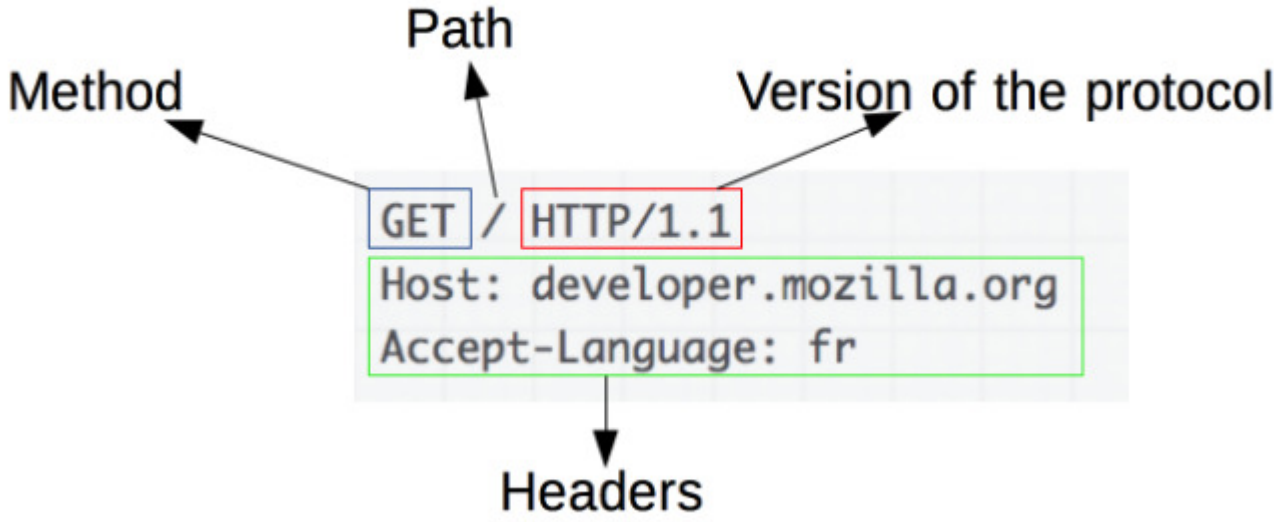
#DESIGNTECH ACADEMIE

Intro HTML CSS JS HTTP

```
1  GET / HTTP/1.1
2  Host: developer.mozilla.org
3  Accept-Language: fr
```

#DESIGNTECH ACADEMIE

Intro HTML CSS JS HTTP



DTA
#DESIGNTECH
ACADEMIE

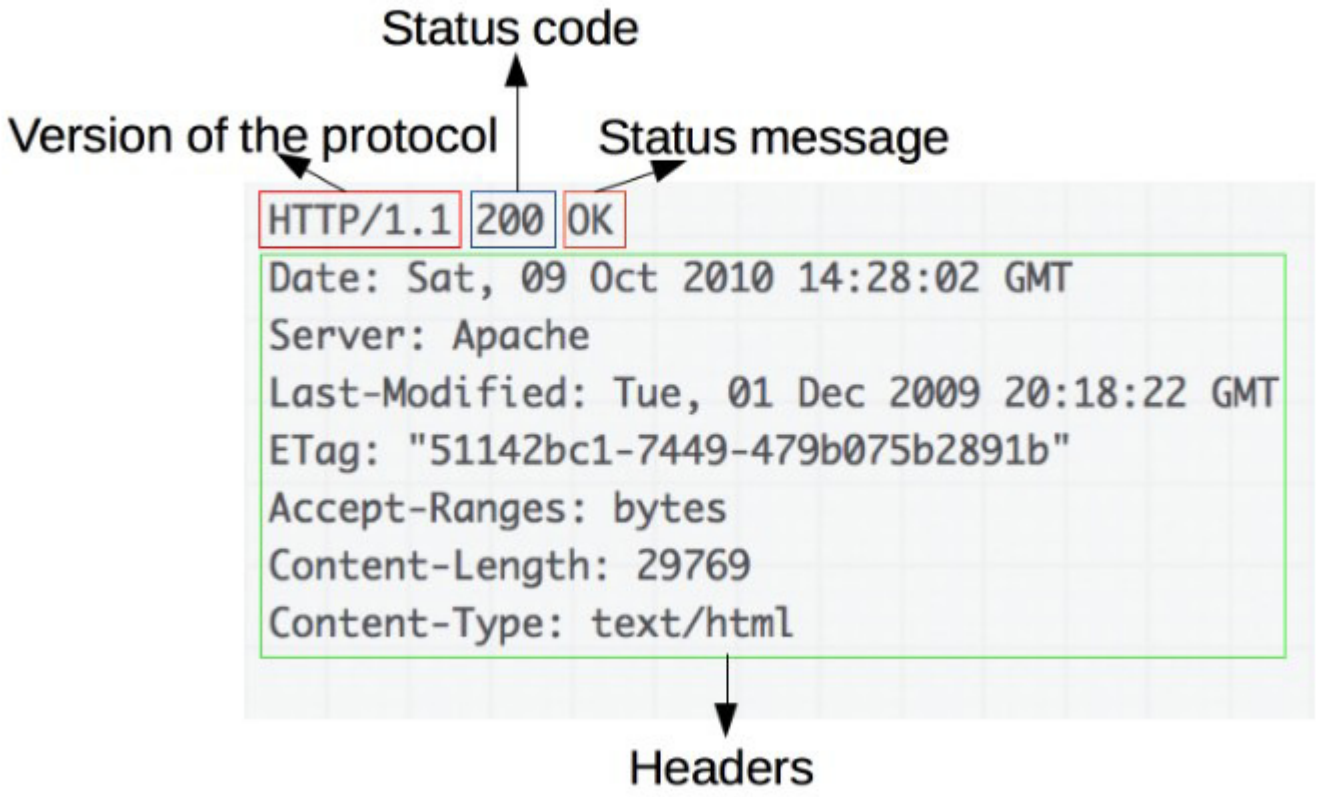
Intro HTML CSS JS HTTP

```
HTTP/1.1 200 OK
Date: Sat, 09 Oct 2010 14:28:02 GMT
Server: Apache
Last-Modified: Tue, 01 Dec 2009 20:18:22 GMT
ETag: "51142bc1-7449-479b075b2891b"
Accept-Ranges: bytes
Content-Length: 29769
Content-Type: text/html

<!DOCTYPE html... (here comes the 29769 bytes of the requested web page)
```

DTA
#DESIGNTECH
ACADEMIE

Intro HTML CSS JS HTTP



#DESIGNTECH ACADEMIE

Intro HTML CSS JS HTTP

```
POST /contact_form.php HTTP/1.1
Host: developer.mozilla.org
Content-Length: 64
Content-Type: application/x-www-form-urlencoded

name=Joe%20User&request=Send%20me%20one%20of%20your%20catalogue
```

DTA
#DESIGNTECH
ACADEMIE