

# REVIEW



# REVIEW

Front-End



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Front-End

Back-End



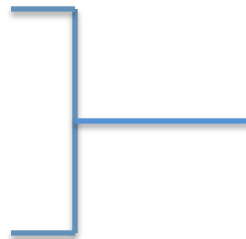
# FRONT-END REFRESHER

- What is a Website?

# FRONT-END REFRESHER

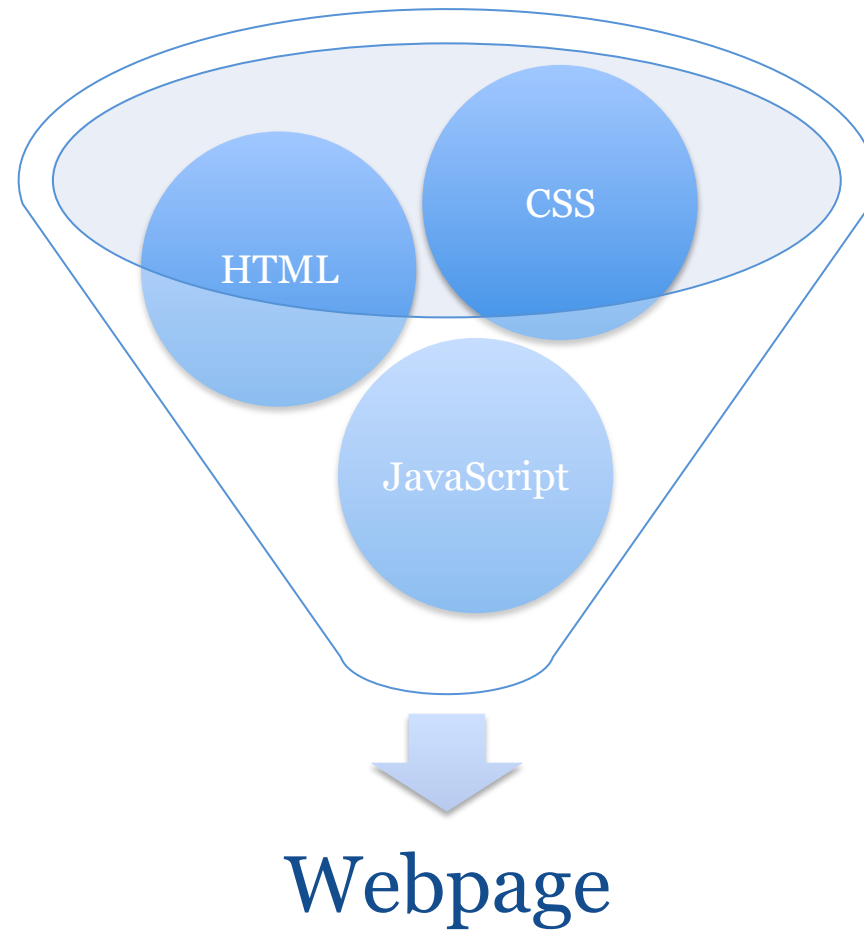
- What is a Website?
  - Collection of Web Pages

index.html  
about.html  
contact.html  
...



[www.msoma.org](http://www.msoma.org)

# FRONT-END REFRESHER



# FRONT-END REFRESHER

- What is a Website?
  - Collection of Web Pages
- What makes a Website?
  - HTML (Skeleton)
  - CSS (Clothes)
  - JavaScript (Muscle)
- Front-end is what everyone can see

# HTML

How do you create a HTML document?



# HTML

- Open Sublime Text
- Create a New File
- Save As index.html
- Add these tags:
  - <html> </html>
  - <head> </head>
  - <body> </body>
- Inside head add title tags
  - <title> </title>

```
<html>
  <head>
    <title>About</title>

  </head>
  <body>
    <h1>About Me</h1>
    <p>I am an M-Soma scholar learning
    Web Design, and determined to make
    the world a better place using
    technology.
    </p>

  </body>
</html>
```

How do you tell your HTML document where the CSS file is?

How do you tell your HTML document where the CSS file is?

## 1. Relative Path

```
Desktop/  
  msoma/  
    index.html  
      css/  
        style.css
```

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

How do you tell your HTML document where the CSS file is?

## 2. Absolute Path

Desktop/  
msoma/  
index.html  
css/  
style.css

```
<link rel="stylesheet" type="text/css" href="https://www.msoma.org/css/style.css">
```

# CSS

- Open Sublime Text
- Create a New File
- Save As style.css
- Add all your fancy styles

```
html {  
    font-family: sans-serif;  
}  
  
body {  
    margin: 0;  
    color: #333;  
    background-color: #fff;  
}  
  
h1 {  
    text-align: center;  
    font-style: italic;  
    font-weight: bold;  
}  
  
p {  
    text-align: center;  
    font-weight: normal;  
}
```

# CSS Quiz

1. How do you change text color?
2. How do you the change background color?
3. How do you make text **bold**, *italic*?
4. How do you place text to the center of the page?
5. What types of fonts look good on a website?
6. How do you make the background an image?

# CSS Quiz

1. How do you change text color?  
`color: #333;`
2. How do you the change background color?  
`background-color: #fff;`
3. How do you make text **bold**, *italic*?  
`font-weight: bold;`  
`font-style: italic;`
4. How do you place text to the center of the page?  
`text-align: center;`
5. What types of fonts look good on a website?  
Titles / headings - Serif  
Paragraphs - Sans-serif
6. How do you make the background an image?  
`background-image: url(nairobi.png);`

# INTRODUCTION TO BACK-END



# BACK-END

The Back-End consists of three parts:

1. An Application

# BACK-END

The Back-End consists of three parts:

1. An Application

Can be a Website (web application) OR a mobile app

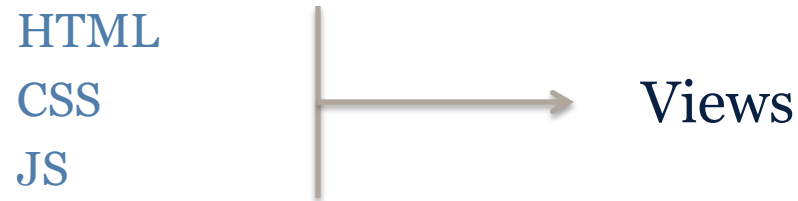
# BACK-END

The Back-End consists of three parts:

## 1. An Application

Can be a Website (web application) OR a mobile app

What is in an application?



# BACK-END

The Back-End consists of three parts:

1. An Application
2. A Server

# BACK-END

The Back-End consists of three parts:

1. An Application
2. A Server
3. A Database

# BACK-END

Common Back-End technologies:

- Ruby on Rails
- PHP
- Django
- Node JS