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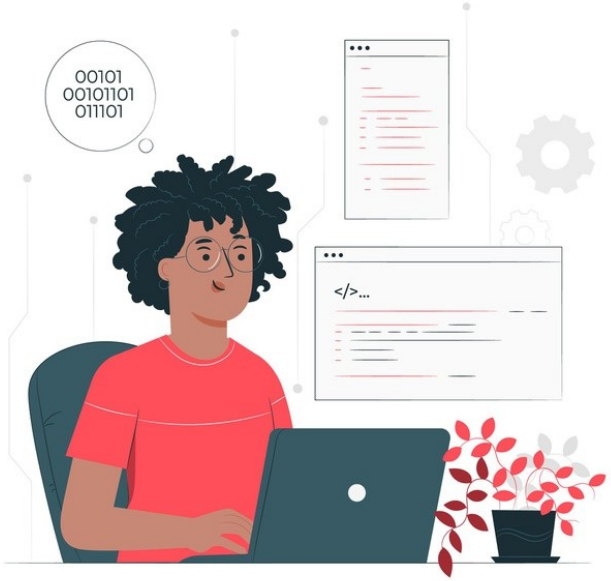
CODE COVID-19

FOR BEGINNERS

www.kwekubright.com



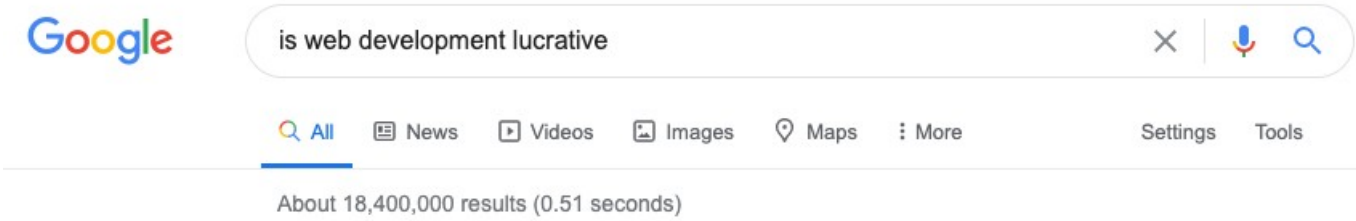
Part 1: Intro to computer programming

Web Development Landscape

- Web development is the activity involved in creating a website on the Internet for **fun** or for **money**.

"Websites promote you 24/7:
No employee will do that."

- Paul Cookson



People also ask

Is Web development a good career?

Are Web developers in demand?

Employment of **web developers** is projected to grow 13 percent from 2018 to 2028, much faster than the average for all occupations. Employment of **web developers** is projected to grow as ecommerce continues to expand. As retail firms expand their online offerings, **demand** for **web developers** will grow. ... Apr 10, 2020

www.bls.gov › computer-and-information-technology

Web Developers - Bureau of Labor Statistics

Search for: Are Web developers in demand?

People also ask

Is Web development a good career?

Currently, skilled **web**-developers enjoy **great** demand in the **job** market, and you can easily make a six-figure income by working as a **web developer**. It is safe to say that **web development** is an ideal choice for individuals who have just stepped into the IT industry. May 21, 2019

dev.to › sadiakhan3 › is-web-development-the-best-career...

Is Web-development the Best Career Choice for 2019? - DEV - Dev.to

Search for: Is Web development a good career?

Where can you start

- Bootcamps like this one
- Paid/Free courses on **udemy.com**
- Websites like **w3schools.com**
- NGOs like **maximnyansa.com**
- Private training by **kwekubright.com**

What you will need

start with what you have

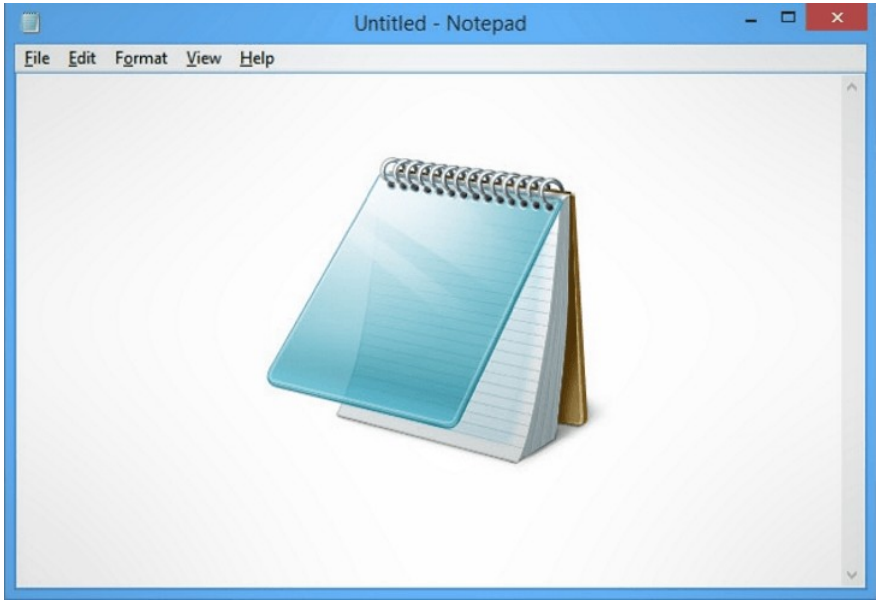
OR

"A year from now you may wish you had started today." — Karen Lamb

What you will need

Sublime Text

Notepad++



Q&A

Let's Code

HTML & CSS, the core of all Websites

- HTML is the standard language for creating Web pages.
- With HTML you can create your own Website.

HTML – How it looks like

```
<!DOCTYPE html>
<html>
<head>
<title>Page Title</title>
</head>
<body>

<h1>This is a Heading</h1>
<p>This is a paragraph.</p>

</body>
</html>
```

Keywords

- Tags
  - Opening tag
  - Closing tag
- Angle Brackets

HTML – Your first line of code

Tags – Heading tag

- HTML headings are **titles** or **subtitles** that you want to display on a webpage. **<h1>** to **<h6>**

- **<h1>** biggest in font size
  <h6> smallest in font size

```
<h1>Heading 1</h1>
<h2>Heading 2</h2>
<h3>Heading 3</h3>
<h4>Heading 4</h4>
<h5>Heading 5</h5>
<h6>Heading 6</h6>
```

HTML – Your first line of code

Tags – Link (Hyperlinks) tag

- You can click on a link to jump to another page.
- The HTML **<a>** tag defines a hyperlink.

```
<a href="url">link text</a>
```

HTML – Your first line of code

HTML Attributes

- HTML attributes provide additional information about HTML **elements**.
- The **<a>** tag defines a hyperlink. The **href** attribute specifies the URL of the page the link goes to.

```
<a href="https://www.jw.org">Life Questions Answered</a>
```

HTML – Your first line of code

Tags – Image tag

- Images improve the design and the appearance of web pages.
- The alt attribute provides an **alternate text** for an image, if an error occurs the alternate text is displayed.

```
<img src="url" alt="alternatetext">
```

What have we learnt so far…?

- HTML is the standard language for creating.
- About some elements in HTML
- **Paragraph, Heading, Link and Image**
- About **HTML attributes**

Lets have some FUN...

CSS – Adding some style

- CSS is the language to beautify web pages.
- Tell the browser how to display stuff.
- CSS stands for **Cascading Style Sheets**

CSS – Adding some style

```
p {
    font-family: verdana;
    font-size: 20px;
}
```

CSS – Most used properties

- **Color** – used to set the color of text
- **Background-color** – used to set the background color of an element
- **Margin** – used to set margin between elements
- **Padding** – used to set some padding within an element
- **Font-family** – used to set the font for text
- **Font-size** – used to set font size of text
- **Height** – used to set height of an element
- **Width** – used to set width of an element

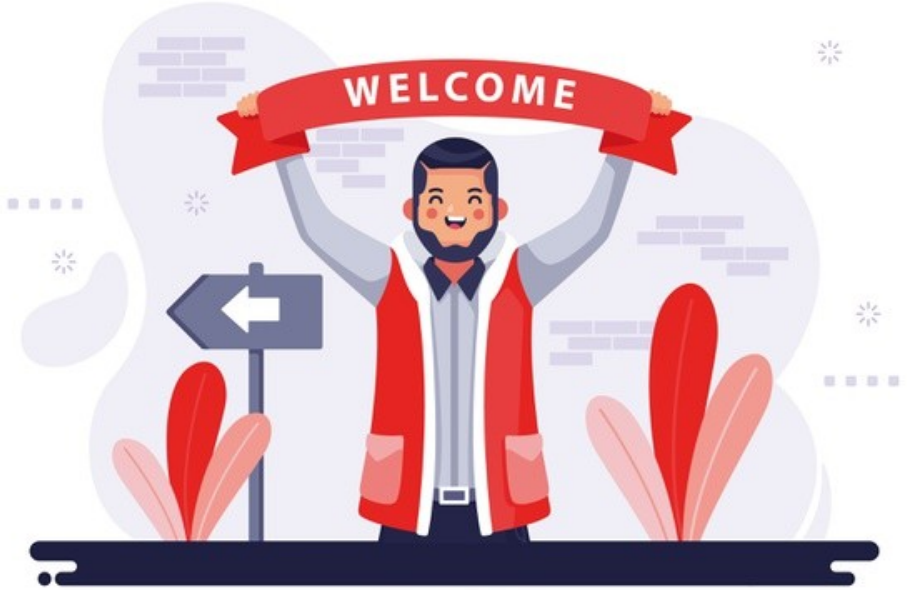
Let's Play With CSS

What have we learnt…?

- CSS is the language to beautify web pages.
- Tell the browser how to display stuff.
- CSS stands for **Cascading Style Sheets**

Now lets have some FUN...

Do you think CODE is too much for you…?



Welcome to **CODELESS** Development

Part 2: WordPRESS CMS #NoCodeDevelopment

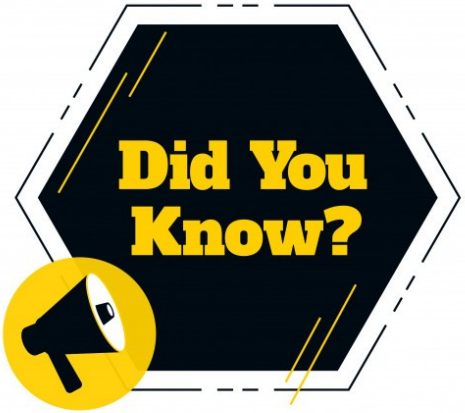
- WordPress is free software you can use to create a beautiful **websites**, **blogs**, or **apps**.

Who uses WordPRESS…?

https://research.fb.com/ https://news.microsoft.com/

Fact about WordPRESS

- Great security
- E-Commerce support
- Beginner friendly
- Well suited for High Traffic sites
- WordPRESS Menus
- You can master **WP in 7 Days**
- **Q&A**



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Enough talk. Let's WordPRESS!!

WordPRESS CMS

- Setup WordPRESS locally/online
- WordPRESS Pages
- WordPRESS Post
- WordPRESS Menus
- Publish your first WordPRESS site
- **Q&A**

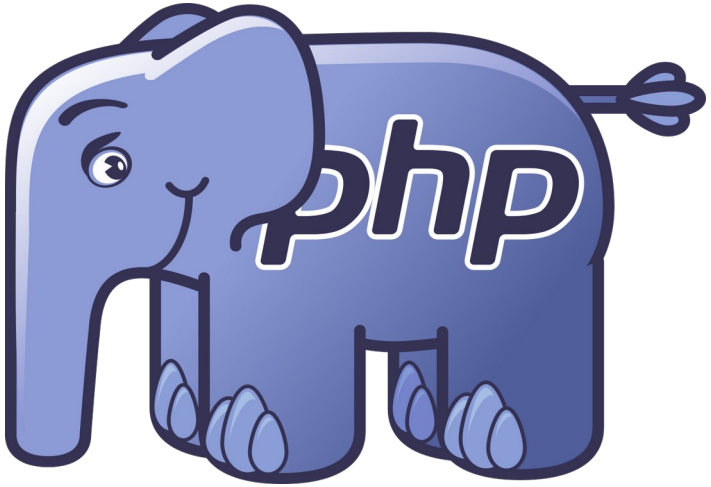
Let's have some FUN...

Let's CODE again - PHP

Part 3: PHP for data processing

- Practical intro to PHP
- Practical application of variables
- Practical application of functions
- PHP for form processing
- **Q&A**

Part 3: PHP



- A powerful tool for making dynamic and interactive Web pages.
- PHP is a widely-used, free, and efficient.

Part 3: PHP

- **Variable**:

  Used for storing data

```php
<?php
$txt = "Hello world!";
$x = 5;
$y = 10.5;
?>
```

- **Function**:

  Don't write same block of code twice. Used a function.

```php
<?php
function writeMsg() {
  echo "Hello world!";
}

writeMsg(); // call the function
?>
```

Part 3: PHP – How it looks like

```
<!DOCTYPE html>
<html>
<body>

<?php
echo "My first PHP script!";
?>

</body>
</html>
```

```
<?php
$t = date("H");

if ($t < "20") {
  echo "Have a good day!";
} else {
  echo "Have a good night!";
}
?>
```

Part 3: PHP – Form processing...

https://www.w3schools.com/php/php_forms.asp

What have we learnt…?

- Practical intro to PHP
- Practical application of variables
- Practical application of functions
- PHP for form processing
- **Q&A**

Let's have some FUN!

Q&A

End