CHAPTER 2

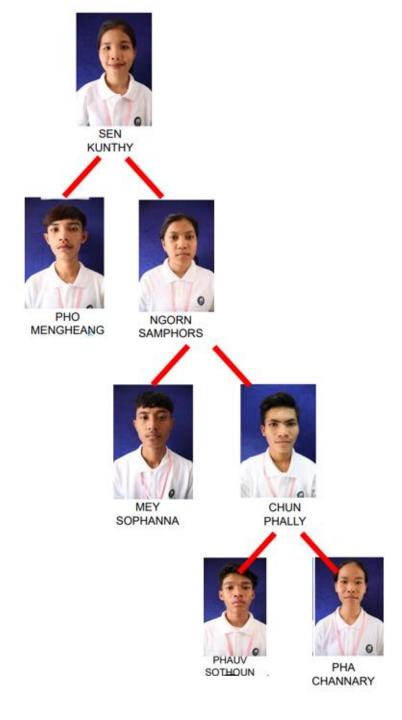
DOM

ACCESS FUNCTIONS PROPERTIES

Who is the **parent** of sothoun?

How many **children** has Somphors?

Who are the **siblings** of Sophanna?



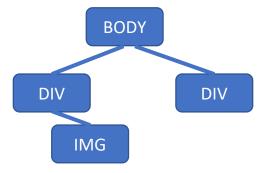
ACTIVITY 1 \(\)



10 MIN

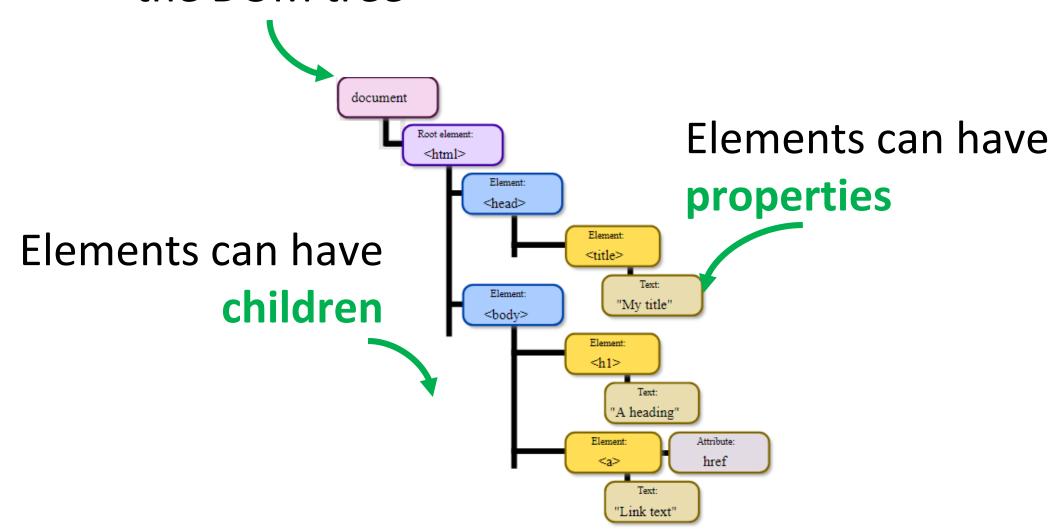
Answer to questions on word document

The DOM (Document Object Model) is a tree structure of an HTML page where each node is an object representing a part of this page



DEMO WITH CHROME

The **document** is the root element of the DOM tree



ACTIVITY 2 (10 MIN



Answer to questions on word document

Functions to access to DOM elements

<pre>getElementById(<id>)</id></pre>	Get the element that matches with id
	Or null if not found
getElementsByClassName	Get a array of elements that matches with the class
	name
	Or empty array if not found
<pre>querySelectorAll(<query>)</query></pre>	Get all children elements that matches the query





What is an HTML Collection?

A HTML Collection is an array of DOM element

```
document.getElementsByClassName("delete")
```

HTMLCollection(4) [span.delete, span.delete, span.delete,
span.delete]

Let's See how to do!

GET SIZE

ACCESS BY INDEX

ACCESS BY ID



Answer to questions on word document

Let's change some DOM properties!

textContent	Get / Set the text of an element
className	Get / Set the class of an element GUESS: How do set multiple classes?
style.display	show or hide an element
	Ex: None (hide) , block (visible)
	DEMO WITH CHRONIE



Now you should know this:

- 1- What is the **DOM Tree**
 - The document root element
 - DOM element properties / function

2- Functions to access to DOM elements

```
getElementById
getElementsByClassName
querySelector
```

3- What is an **HTML Collection?**

```
myCollection.length // size of the collection
myCollection[i] // access to the elmeent at index i
myCollection["myForm"] // access to the elmeent of id "myForm"
```

4- Change some **DOM element properties**

```
textContent
className
style.display (none, block ...)
style.property> ex:color...
```