#### **CHAPTER 2**

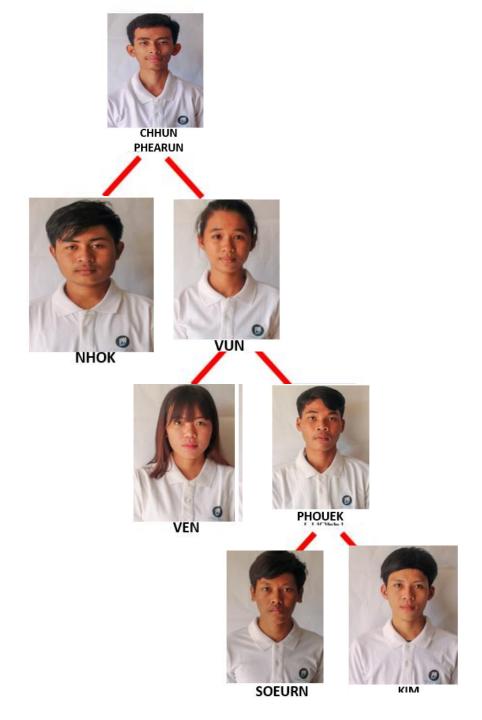
DOM

ACCESS FUNCTIONS PROPERTIES

Who is the **parent** of HAK?

How many **children** has THEAVY?

Who are the **siblings** of SOK?



## **GROUP OF 2**

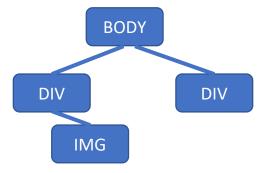
#### 



**10 MIN** 

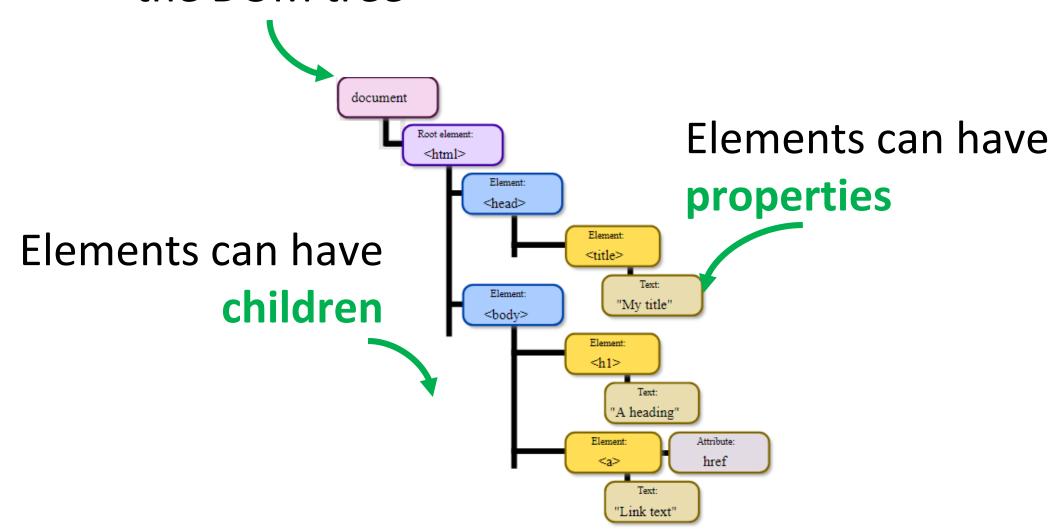
# Answer to questions on word document

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
getElementsByClassName	Get all elements that matches with the class name
querySelectorAll( <query>)</query>	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...
```