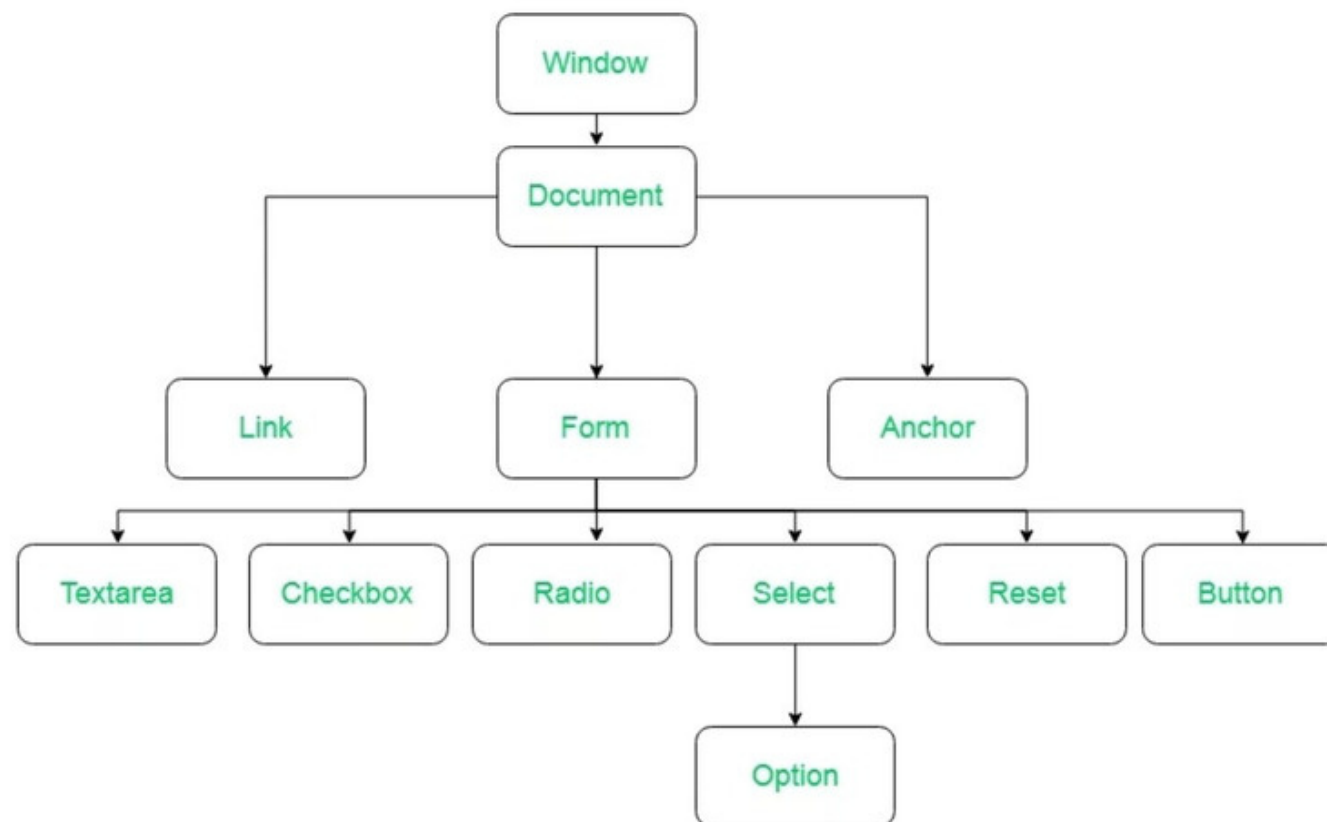# DOM IN JAVASCRIPT

DOM is a way to represent the webpage in a structured hierarchical way so that it will become easier for programmers and users to glide through the document



Representation of the DOM

# Finding HTML elements with DOM

## Finding HTML Elements

| Method | Description |
|---|---|
| document.getElementById(*id*) | Find an element by element id |
| document.getElementsByTagName(*name*) | Find elements by tag name |
| document.getElementsByClassName(*name*) | Find elements by class name |

# Adding and Deleting Elements

| Method | Description |
|---|---|
| document.createElement(*element*) | Create an HTML element |
| document.removeChild(*element*) | Remove an HTML element |
| document.appendChild(*element*) | Add an HTML element |
| document.replaceChild(*new, old*) | Replace an HTML element |
| document.write(*text*) | Write into the HTML output stream |

Adding and Deleting elements with DOM

# Changing HTML elements with DOM

## Changing HTML Elements

| Property | Description |
|---|---|
| *element*.innerHTML = *new html content* | Change the inner HTML of an element |
| *element.attribute = new value* | Change the attribute value of an HTML element |
| *element*.style.*property = new style* | Change the style of an HTML element |

| Method | Description |
|---|---|
| *element*.setAttribute(*attribute, value*) | Change the attribute value of an HTML element |

# Adding Event Handlers with DOM

## Adding Events Handlers

| Method | Description |
|---|---|
| document.getElementById(*id*).onclick = function(){*code*} | Adding event handler code to an onclick event |

can i code this application just in javascript without using DOM?

JUST i want to ask if i can code this application in javascript without DOM because i see it a little confusing me , and i want to know if i understand well that i can use it without DOM... because my language isn't english

It's possible to write a program in Javascript without the DOM but it wouldn't influence anything the user can see/interact with. Think of a tree falling in the forest when no one is around

# SAVE THIS POST IF YOU FIND IT USEFUL