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  DOM

**Document Object Model**

  - What Is DOM

  - DOM Selectors

  --- Find Element By ID

  --- Find Element By Tag Name

  --- Find Element By CLass Name

  --- Find Element By CSS Selevtors

  --- Find Element By Collection

  ------ title

  ------ body

  ------ images

  ------ forms

  ------ Links

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let myIdElement = document.getElementById("my-div"); // document.getElementById will let u take whatever element u want from the html by id and only ONE element cuz IDs cant be more than one

let myTagElements = document.getElementsByTagName("p"); // this will pick up any tag element u want, not locked on a ID

let myClassElement = document.getElementsByClassName("my-span"); // this will pick up any class element, u can also use more than one class as many as u want so its not like the ID it can take more than one element with the same class

let myQueryElement = document.querySelector(".my-span"); // query picks up anything ids tags classes and css tags altho it will only pick one target ya3ni the querySelector first thing he sees he takes it and doesnt take another thing

// must use # for the id in it "#my-div"

let myQueryAllElement = document.querySelectorAll(".my-span"); // this one will take all of the same values and it doesnt stop at one

console.log(myIdElement);

console.log(myTagElements[1]); // index 0 is the first paragraph index 1 is the second

// myTagElements[1].innerHTML = "test"; // u can change the context of the elment using innerHTMl

console.log(myClassElement[1]);

console.log(myQueryElement);

console.log(myQueryAllElement[1]);

console.log(document.title); // u can get the title

console.log(document.body); // u can get the body

console.log(document.forms[0].one.value); // u can get the forms and dig in them

console.log(document.links[1].href); // u can get the links and dig in them too