

## HTMLCollection

```
.getElementsByClassName("className")/  
.getElementsByTagName("tagName")
```

-return a **live** HTMLCollection :

```
const liHCol = document.getElementsByTagName("li");  
console.log(liHCol)  
const liNList = document.querySelectorAll("li");  
console.log(liNList);  
let additionalLi = document.createElement("li");  
additionalLi.innerHTML = "new one";  
document.body.appendChild(additionalLi);  
console.log(liHCol) → list updated  
console.log(liHCol) → same elements as before
```

-methods :

```
1) item() : console.log(liHCol.item(0).innerHTML);  
2) namedItem() : <li id="homeId">Home</li>  
                 console.log(liHCol.namedItem("homeId"));
```

-Iterations :

1) for loop

## NodeList

```
.querySelectorAll("tagName" / "#idName" / ".className")
```

-returns a **static** NodeList:

-methods :

```
1) item() : console.log(myLiNodeList.item(0).innerHTML)  
2) entries() : for (let entry of myLiNodeList.entries()) {  
                 console.log("entry", entry); } --> output : "entry" (2) [1, li]  
3) keys() : for (let key of myLiNodeList.keys()) {  
              console.log(key); } --> output : "key" 0 , key of htmlCollection member  
4) values() : for (let value of myLiNodeList.values()) {  
                console.log("value >>", value); } --> output : member of htmlCollection  
5) forEach() : myLiNodeList.forEach((element) => { console.log(element); })
```

-Iterations :

1) for loop