

Cours Javascript

- **La méthode map()**

Crée un nouveau tableau avec les résultats de l'appel d'une fonction fournie sur chaque élément du tableau appelant.

Ex :

```
let tableau1 = [1, 4, 9, 16]
let map1 = tableau1.map((x) => x*2)
```

map1 vaut à présent [2, 8, 18, 32]

- **La méthode filter()**

Crée et retourne un nouveau tableau contenant tous les éléments du tableau d'origine qui remplissent une condition déterminée par la fonction callback.

Ex :

```
let words = ['test', 'jean', 'presentation', 'application', 'developer']
let result = words.filter((word) => words.length > 5)
```

result vaut ['presentation', 'application', 'developer']

- **Opérateur ternaire**

```
shortDescription.innerText = project.shortDescription ?? "Pas de description pour le moment.";
```

- **Modale full JS**

```

//Création d'une modale pour les projets Piiquante V1 et Groupomania V1
if ((urlProjectName === "Piiquante v1") || (urlProjectName === "Groupomania v1")) {
  //bouton
  let modalBtn = document.createElement("a")
  modalBtn.setAttribute("class", "openOrDownloadLink")
  modalBtn.style.cursor = "pointer"
  openOrDownloadBlock.appendChild(modalBtn)
  modalBtn.innerText = displayDownloadButton
  //modale
  let modal = document.createElement("div")
  modal.setAttribute("class", "modal")
  modal.style.display = "none"
  openOrDownloadBlock.appendChild(modal)
  //modal content
  let modalContent = document.createElement("div")
  modalContent.setAttribute("class", "modal-content")
  modal.appendChild(modalContent)
  //modal lineone
  let modallineOne = document.createElement("div")
  modallineOne.setAttribute("class", "modallineOne")
  modallineOne.innerText = displayWarningP6P7
  modalContent.appendChild(modallineOne)
  let spann = document.createElement("span")
  spann.setAttribute("class", "close")
  spann.innerText = "\xD7"
  modallineOne.appendChild(spann)
  //modal linetwo
  let modallineTwo = document.createElement("div")
  modallineTwo.setAttribute("class", "modallineTwo")
  modalContent.appendChild(modallineTwo)
  let yesLink = document.createElement("a") // container a incluant le bouton Yes
  yesLink.setAttribute("href", project.downloadProjectLink)
  yesLink.setAttribute("type", "download")
  modallineTwo.appendChild(yesLink)
  let yesAnswer = document.createElement("button")
  yesAnswer.setAttribute("id", "yesAnswer")
  yesAnswer.innerText = yesResponse
  yesLink.appendChild(yesAnswer)
  let noAnswer = document.createElement("button")
  noAnswer.setAttribute("id", "noAnswer")
  noAnswer.innerText = noResponse
  modallineTwo.appendChild(noAnswer)
  modalBtn.onclick = function () {modal.style.display = "block"}//ouverture au clic
  spann.onclick = function () { //fermeture par la croix
    modal.style.display = "none"
  }
  window.onclick = function (event) { //fermeture par un clic à l'extérieur
    if (event.target == modal) {modal.style.display = "none"; }
  }
  // L'écoute n'est pas nécessaire grace au container a incluant le lien de téléchargement
  // yesAnswer.addEventListener('click', function () { })
  noAnswer.addEventListener('click', function (event) {
    event.preventDefault();modal.style.display = "none"; })
}

```

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