

## ITP JS: Week 5

### Practice

1. `document.querySelectorAll()` is a method to select HTML nodes using CSS selector syntax. It returns a *NodeList* type of object. How can you convert the *NodeList* to plain *Array*?

Note: Converting a *NodeList* to plain *Array* gives you the ability to use all new ES6 *Array* functions like `Array.every()`, `Array.some()` etc.

3. Create a Cart system for an ecommerce website. Users should be able to add/remove items and get cart related information. No need for DOM Manipulation. You will hardcode products and the Cart system.

#### NOTE:

- You will create a Cart class that will handle cart items and different methods
- Product information will be hard coded as objects having attributes like `productName`, `price` etc.
- Methods like `addItem()`, `removeItem()`, `calculateSubtotal()`, `applyCoupon()` should be available.
- You're **strictly** required to include the usage of Javascript functions - `reduce()` and `filter()`

Prepared By

Ahmed Sadman Muhib

Full-Stack Instructor