# Module\_47.5\_Practice\_and\_React\_Side\_Things

#### **47\_5-1 ES6 Modules, import, export, default, relative path**

* We generally use two types of **import** and **export** in React.
* **Import** without any **‘/’** means it is importing from **node-modules**, import with **‘../etc’** means it is importing from **local**, importing without {} means it is importing only one function and vice versa.
* **Export** **default** means, it is exporting only one function, {} is used to export multiple function from the file i.e **export {func1, func2, func2}**

#### **47\_5-2 Create and Load Fake data, intro to array reduce**

* We can create **fake data** using various free online **JSON Generators** or **JavaScript to JSON converters** and use them in our project. To use fake data in React, we have to keep the JSON file in the **public/data.json** folder. We can get it from anywhere using **fetch(‘/data.json’),** like getting data from an API.
* **Reduce** is an array method that can be used to determines summation of a numbers array, i.e., -> const numbers = [33, 22, 99 33];  
  **const sum = numbers.reduce( (previous, current) => previous + current, 0);**  
  // Sum of the numbers will hold in sum variable. 2nd parameters in reduce is the initial value. In this case, it was zero (0).

#### **47\_5-3 Intro to Local storage to store data**

* If we have to need to use a function that has a parameter in the **onClick** event in **React**, we have to add **() =>** before the function name. Otherwise, the function will be called while loading the page and not on click.

#### **47\_5-4 Add and remove data to the local storage**

* Write a function to add the product to the shopping cart and save it to local storage by clicking the purchase button.
* Write another function to remove the existing products from the shopping cart saved in local storage by clicking on the remove button.

#### **47\_5-5 Good UI vs bad UI, themeforest, freepik, flaticon, unsplash**

* Use those resources for better UI design.

React কোর কনসেপ্ট:

সেই জিনিসগুলো এর একটা লিস্ট আমি দিয়ে দিয়েছি।

* ~~১. কিভাবে create react app দিয়ে নতুন React app তৈরি করবে~~
* ~~২. কিভাবে কম্পোনেন্ট তৈরি করবে, এবং কম্পোনেন্ট ইউজ করবে~~
* ~~৩. props ইউজ করে কিভাবে কম্পোনেন্ট এ ডাটা সেন্ড করবে~~
* ~~৪. destructuring ইউজ করে object এর প্রপার্টি ইউজ করবে~~
* ~~৫. কিভাবে useState ইউজ করে স্টেট ডিক্লেয়ার করতে হয়~~
* ~~৬. eventHandler দিয়ে কিভাবে স্টেট চেইঞ্জ করতে হয়~~
* ~~৭. useEffect ইউজ করে কিভাবে API থেকে ডাটা লোড করতে হয়~~
* ~~৮. লোড করা ডাটা কিভাবে দেখানো যায়~~