

## Technical Task (JavaScript)

### STEP-1:

**API URL:** <https://dummyjson.com/products?limit=15>

Get Data From above API, and perform below task.

1. Create product card(with basic html and css) for each product's data;

Card Items : Main Image, Title, Price(Price after discount), Thumbnail image, Product Rating, And "Show Description".

2. On "Show Description" click show Product's Description below the product (you can create a div below product to show description), Also Create A "Less Description" inside above created DIV, on click this, hide description of product.

3. Create 3 Button Above All Products to sort the Products,  
Named: "Sort By Price Low To High" , "Sort By Price High to Low" AND "Sort By Rating(High to Low)", On these button click, arrange/sort all products by Their Selling Price and Rating.

### STEP-2:

**API URL:** <https://dummyjson.com/products/search?q=>

1. Create A Search Input Field at the Top and a Button

2. When something is typed in the text field and button clicked then search the product with that text (using above API) and show them in a **Product Card Design**.

(\*\*Attached Image)

(After the **API URL** above just concat the text typed in text field)

Add a Button **CLEAR SEARCHES** to clear all the search results and show the already existing products created in STEP-1.

### STEP-3:

API URL-1: <https://dummyjson.com/products/categories>

API URL-2: <https://dummyjson.com/products/category/smartphones>

1. Get Data from the **API URL-1**, this will return all the product catrgories.
2. Create Radio Buttons, from the fetched data in Pt-1, on the Left Section of the Page.
3. Also Add Button to **Clear All the Categories** which will clear Categories and Show All Products Data, From **STEP-1**.
4. On Radio Button select get the product's data by that Category, using **API URL-2**.  
(\*\*instead of **smartphones** in the URL, type the category clicked)

### Product Card Design:

