**ASSIGNMENT – 2**

Create a Product List page (PLP) using html, css, javascript  
  
use fetch api to make api calls  
<https://fakestoreapi.com/docs>  
  
Fetch Api  
<https://developer.mozilla.org/en-US/docs/Web/API/Fetch_API>  
  
Feel free to other resources for your reference

HTML:

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>PLP by Anshuman</title>

    <link rel="stylesheet" href="style.css">

</head>

<body>

    <h1>Our products</h1>

    <div class="main">

        <div class="filter-box">

            <h2>Categories</h2>

            <div class="category-list">

                <label for="">

                    <input type="checkbox"> Women

                </label>

                <label for="">

                    <input type="checkbox"> Mens

                </label>

                <label for="">

                    <input type="checkbox"> Mens

                </label>

            </div>

        </div>

        <div class="product">

        </div>

    </div>

    <script src="script.js"></script>

</body>

</html>

CSS :   
  
\*{

    margin: 0;

    padding: 0;

    font-family: sans-serif;

}

.main{

    width: 1320px;

    margin: auto;

    display: flex;

    justify-content: space-between;

}

h1{

    text-align: center;

    padding: 40px 0px;

}

.filter-box{

    flex-basis: 23%;

}

.product{

    display: flex;

    flex-basis: 75%;

    justify-content: space-between;

    flex-wrap: wrap;

}

.category-list{

    margin-top: 20px;

}

.category-list label{

    display: block;

    padding: 5px 0px;

}

.product-items{

    flex-basis: 31%;

    margin-bottom: 20px;

    box-shadow: 0px 0px 10px 2px #ccc;

}

.product-items img{

    width: 100%;

    height: 250px;

}

.product-items p {

    padding: 10px;

}

.product-items h3,h4 {

    padding: 10px;

}

JS:

let productDiv=document.querySelector(".product");

var categoryListDiv = document.querySelector(".category-list");

categoryListDiv.innerHTML="";

let allCat=[];

let displayProduct=async (allCheckCat=[])=>{

    productDiv.innerHTML="";

    let product=await fetch('https://fakestoreapi.com/products');

    let finalProduct=await product.json();

    finalProduct.forEach(element => {

        //unique category pushing for checkbox

        if(!allCat.includes(element.category))

        {

            categoryListDiv.innerHTML+=

            `<label for="">

                <input type="checkbox" onclick='categoryFilter()' value="${element.category}"> ${element.category}

            </label>`

            allCat.push(element.category);

        }

        if(allCheckCat.length==0)

        {

            allCheckCat = allCat;

        }

        if(allCheckCat.includes(element.category))

        {

        //displaying all data into page

        productDiv.innerHTML+=

            `<div class="product-items">

                <img src="${element.image}" alt="">

                <h4> Category: ${element.category}</h4>

                <p>Price $. ${element.price} | Rating : ${element.rating.rate} </p>

                <h3>${element.title}</h3>

            </div>`

        }

    });

}

displayProduct();

let categoryFilter=()=>{

    let checkInput = document.querySelectorAll("input[type='checkbox']");

    let checkData = [];

    checkInput.forEach((e)=>{

        if(e.checked)

        {

            checkData.push(e.value);

        }

    });

    displayProduct(checkData);

}

OUTPUT:





