Experiment-5

Title

Dynamic Product List with Category Filter

Objective

To design and implement a dynamic product management system using HTML and JavaScript where users can add products and filter them by category.

Task Description

Create a web application that allows users to:

- Enter product details such as **ID**, **Name**, **Price**, and **Category**.
- Add products dynamically to a product table.
- Populate a dropdown list with product categories.
- Filter products displayed in the table based on the selected category

Code:

Output:

Product Input Fields

```
e1
ds1
21
w1
Add Product
```

Filter By Category

--- All Categories --- V

ID Name Price(\$) Category 1 ww 22 12 12 12 21 21

Product Input Fields

e1	
ds1	
21	
w1	2
Add Product	

Filter By Category

12 🔻

ID Name Price(\$) Category

1 ww 22 12