**Title:** Page of Invoice Table.

**Overview:** The page has a table that contains a list of invoices with their details. It also has filtering options based on which user can filter the data.

**Proposed Solution:**

\* Computer literacy used:

1.Javascript

2.HTML

3.CSS

Step 1: Created a JSON array of 15 rows with the following information about 15 Invoices:

1. InvoiceId.
2. ClientName
3. ClientType
4. Date
5. Due Date
6. Total
7. Balance
8. Status

Step 2: Table Creation:

-Created a column Header as follow:

1. Invoice id.
2. Client name
3. Client type
4. Date
5. Due Date
6. Total
7. Balance
8. Status

-Created a filter section

* Select section for `Begin date` and `Due date`
* Dropdown for `Status` with the options- draft, paid, partial payment
* Dropdown for `Client Type` with the options : In-State / Out-State depending on selection table shows filtered data.

**Design Approach :**

**\* Css:**

Some of the most commonly used CSS table style properties are border, padding, border-spacing, border-collapse, background, color, table-layout, text-align.

**\* HTML:**

HTML tables allow to arrange data into rows and columns on the web page.

We used the <table> tag, to create table in HTML. A table consist of rows and columns. Table heading, row and column and table data can be set using one or more <th>, <tr>, and <td> elements.

* A table row is defined by the <tr> tag. To set table header,we use <th> tag. To insert data in table cell, use the <td> tag.
* A table in HTML consists of table cells inside rows and columns of the table.
* Table heading is defined by the <th>...</th>. Data inside the <th> are the headings of the column of a table.
* Each table cell is defined by a <td>...</td> tag. Data inside the <td> tag are the content of the table rows and columns.
* Each table row starts with a <tr> ....</tr> tag.
* We use style sheet to create invisible border for the table and for styling table data

Reference Links:

 provided the path to the stylesheet inside an href attribute, and a rel attribute with a value of stylesheet. The rel stands for "relationship", and is one of the key features of the <link> element — the value denotes how the item being linked to is related to the containing document.

**\* JAVASCRIPT:**

When document is loaded, Function starts execution Inside createTable function, it fetch the all values of table from JOSN file.

After filtered the data it takes selected values. Removes remaining data from table

Using the html string it will concatenates previous selected string to the current string till last data.

It will display all filtered-data based on selection of data.

Results:



