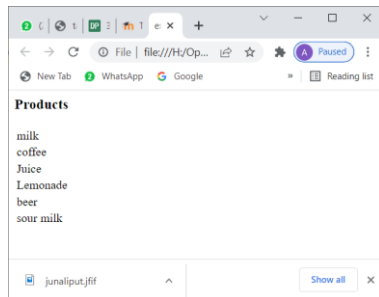


Exercise – arrays loops + sort

1. Arrays and loops, 1p

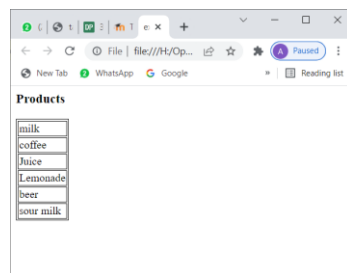
In your HTML file inside the `<script>` create the following array and print it on the screen. You can use `document.write()` or then create an element and print it to the element.

```
var products = ["milk", "coffee", "Juice", "Lemonade", "beer", "sour milk"];
```

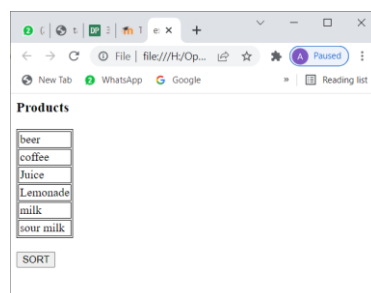


2. Arrays, loops and HTML Table + Sort, 2p

- a. You can use the same file or create a new one for this exercise. Show the same products array in HTML table using a for loop.



- b. Create a button "SORT" under the table. When user presses the button, the array is sorted in alphabetical order.

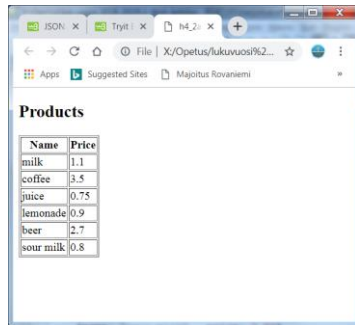


3. Object arrays, 3p

- a. Create the following array and show it in HTML table using for loop (1p)

```
var products = [  
  {name: "milk", price: 1.10},  
  {name: "coffee", price: 3.50},
```

```
{name: "juice" , price: 0.75},  
{name: "lemonade" , price: 0.90},  
{name: "beer" , price: 2.70},  
{name: "sour milk" , price: 0.80}  
];
```



The screenshot shows a web browser window with a single tab titled "Tryit". The address bar shows a file path. The page content includes a heading "Products" and a table with two columns: "Name" and "Price". The table contains the following data:

Name	Price
milk	1.1
coffee	3.5
juice	0.75
lemonade	0.9
beer	2.7
sour milk	0.8

- b. Create "SORT INC" button under the HTML table and sort the array in increasing orders according to price field (product with lowest price on the top). 1p
- c. Create other button called "SORT DEC" which sorts the array in decreasing order according to price field (highest price on the top). 1p.