

Name of Library: memo

Description: The memo library is for developer to create memo instance conveniently, the memo takes 30% width of the webpage, it is not draggable for now. The memo list all the stuffs, row by row, and the basic memo has four columns, row number, notice, deadline and order adjust. Notice is the content or text you want to add, deadline is the final day of the specific stuff. Order adjust has two buttons, up and down, user can click up button to move up the row or click down to move down the row.

Use Case:

1. University students can use the memo to add reminders for their homework and daily stuff, they can also check the deadline associated with the notice(content)
2. For different university courses on university website, memo can be used to set as the assignment display board to show all assignments of the course in a term
3. On the study app, for example like learning GRE words, memo can be used as the long-term schedule board to display the different goals of the learner

Users can add the notice content, move up or move down the content so that they can decide what the order is.

Link: <https://thawing-journey-02424.herokuapp.com/>

Memo instance:

It stores the memo id which is unique, stores all the data that would display in this memo, the tile of the memo, the row number of the memo and the maximum row number the memo can have.

```
{rowNum: 2,
```

```
id:0,
```

```
title: 'sample memo-0'
```

```
data:[['sleep', '2009-01-12'], ['drink', '2003-11-12']] ,
```

```
maxRow: 100}
```

API functions:

1. createMemo(selector, id, title, data, maxRow)
selector is the div element class name string, id is the unique id for the memo, title means the string on top of memo. Data is the rows the developer wants to show on memo, maxRow means how many rows the memo can have at most.
2. insertdata(data)
Data can be inserted in multiple rows or inserted for one row
3. deleteRow(rowNumber)
developer can use the function to delete the corresponding row based on row number
4. setHeaderColor(color)
5. setRowColor(rowNum, color)
6. setBackgroundColor(color)
7. setMaxRow(maxNumber)
8. addCategory(category)
9. deleteCategory(category)

I want to add feature like user can edit the memo table content, delete the content that has finished or not needed, user can also reorder the rows based on the corresponding deadline. Also, some API functions include change the font color of the specific row, change the specific category name.