

jQuery

DEADLINE: 14/07/2021

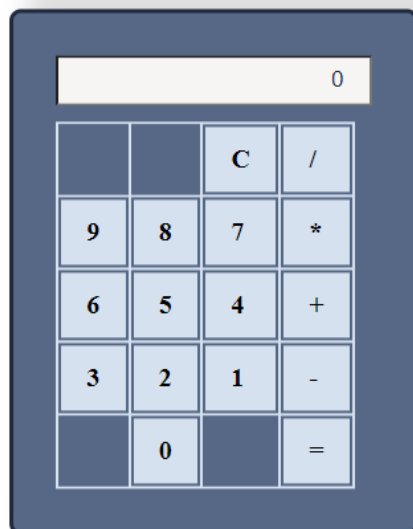
FOLDER STRUCTURE

```
FL16_HW8/ *  
├── task  
├── homework/ *  
│   ├── js/ *  
│   │   ├── index.js *  
│   │   └── jquery-3.6.0.min.js *  
│   ├── css/ *  
│   │   └── style.css *  
└── index.html *
```

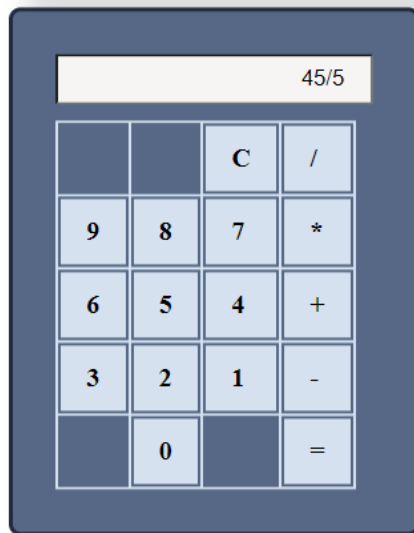
* - required

TASK

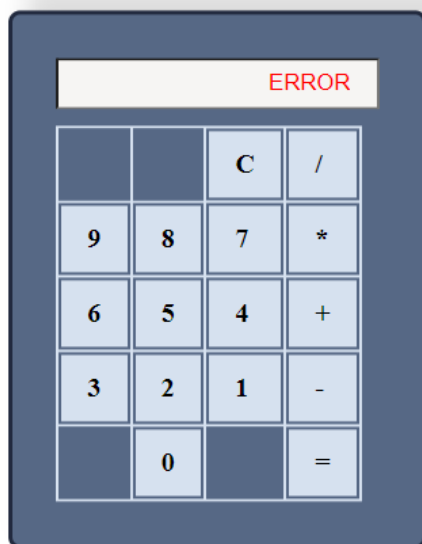
1. Create simple calculator and logs block.
2. Calculator should contain:
 - Screen block (default value equals 0)
 - Numbers and operators block



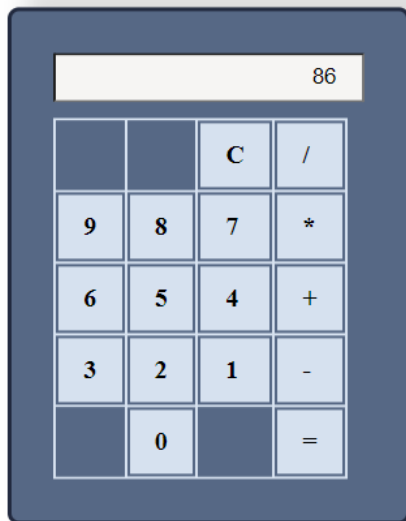
3. Main calculator features:
 - Numbers should be displayed on screen when you click on number button.



- When you select one operator, then another, the second one should replace first one on the screen.
- When you try to divide on 0, the 'ERROR' should be displayed on screen.

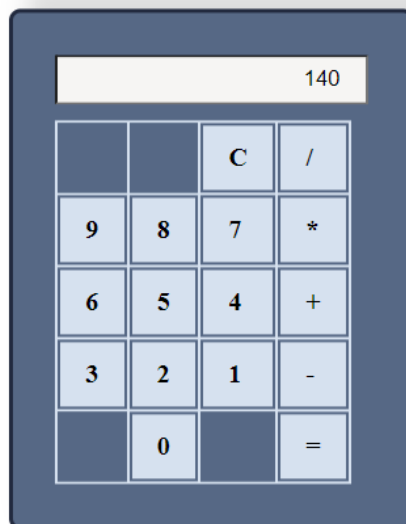


- When you click on 'C' – you need to clear screen to default value.
 - When you click on '=' – you need to display result on screen and show equation in logs block.
4. Main logs block features:
- Logs line contains empty circle, equation and close sign.



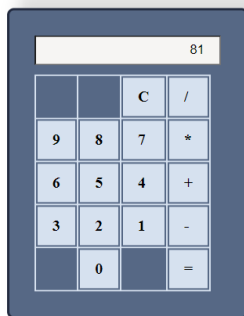
<input type="radio"/>	107-21=86	×
<input type="radio"/>	62+45=107	×
<input type="radio"/>	7*4=28	×
<input type="radio"/>	97*4=388	×
<input type="radio"/>	4+5=9	×

- When you hover on circle or close icon they should be red color.
- When there are too many logs you should show scroll.

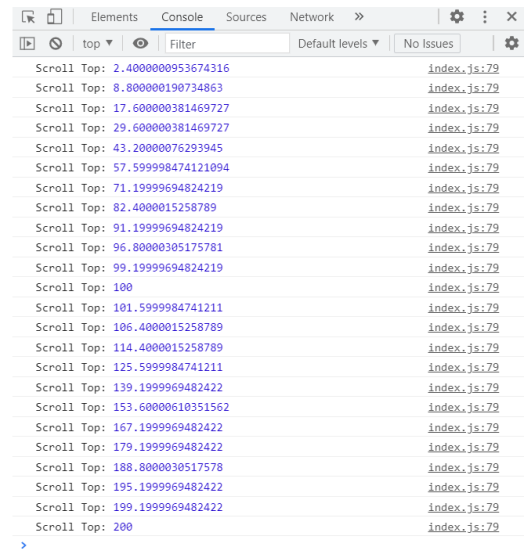


<input type="radio"/>	136+4=140	×
<input type="radio"/>	158-22=136	×
<input type="radio"/>	154+4=158	×
<input type="radio"/>	77*2=154	×
<input type="radio"/>	11/1=11	×
<input type="radio"/>	107-21=86	×
<input type="radio"/>	62+45=107	×

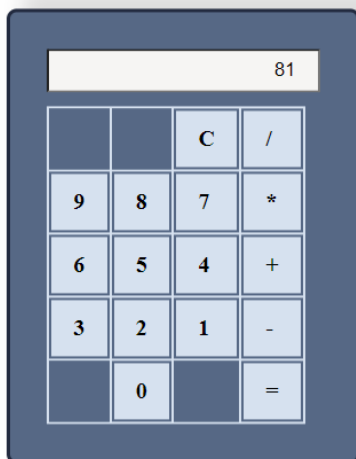
- You should show Scroll Top value in the console only while scrolling logs block.



<input type="radio"/>	55/5=11	×
<input type="radio"/>	53+2=55	×
<input type="radio"/>	106/2=53	×
<input type="radio"/>	51+55=106	×
<input type="radio"/>	102/2=51	×
<input type="radio"/>	13+89=102	×
<input type="radio"/>	65/5=13	×

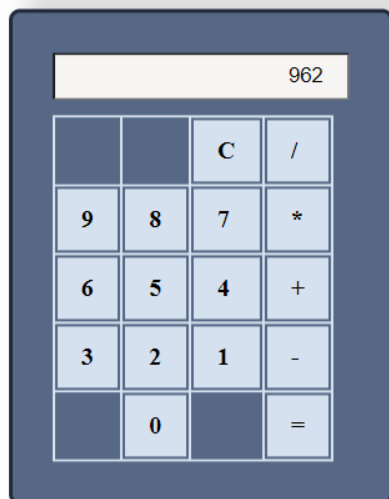


- When clicking on circle you should toggle its color



<input checked="" type="radio"/>	103-22=81	×
<input checked="" type="radio"/>	515/5=103	×
<input checked="" type="radio"/>	511+4=515	×
<input type="radio"/>	4+1=5	×

- Add filter in logs: when equation contains '48' – underline it.



<input type="radio"/>	1921+3=1924	×
<input checked="" type="radio"/>	1917+4=1921	×
<input checked="" type="radio"/>	1928-11=1917	×
<input type="radio"/>	<u>482*4=1928</u>	×
<input type="radio"/>	<u>56-8=48</u>	×
<input type="radio"/>	52+4=56	×
<input type="radio"/>	<u>48+4=52</u>	×

- When you receive 'ERROR' on screen, you should not display the equation in logs block.
 - When you click on close icon you should remove log
5. You have to use at least once such methods:
- toggleClass
 - css
 - prepend

RESTRICTIONS

- Adding **task/** folder is forbidden. Do not push it to repository. (Only **homework/** folder should be pushed)
- Do not use any external libraries

BEFORE SUBMIT

- Code should be clean, without comments, readable, and tested
- Make sure your GitLab folder structure meets folder structure from this document (without **task** folder)

SUBMIT

- The **FL16_HW8** folder without **task** folder should be uploaded to GitLab repository "**FL-16**" into **master** branch.