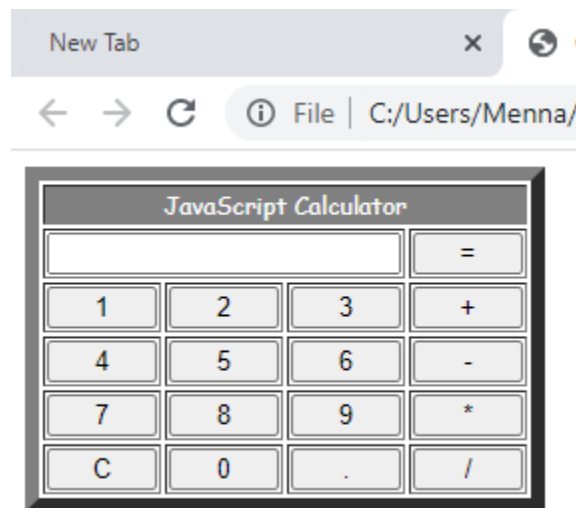


## DOM

1.Clone HTML div when it is clicked and change the background of the new copy to a random color then append it to the body.

2. Simple Calculator.

Implement the required functions in an external file to let calculator.html works properly



3. Apply different styles over a paragraph according to checked radio button.

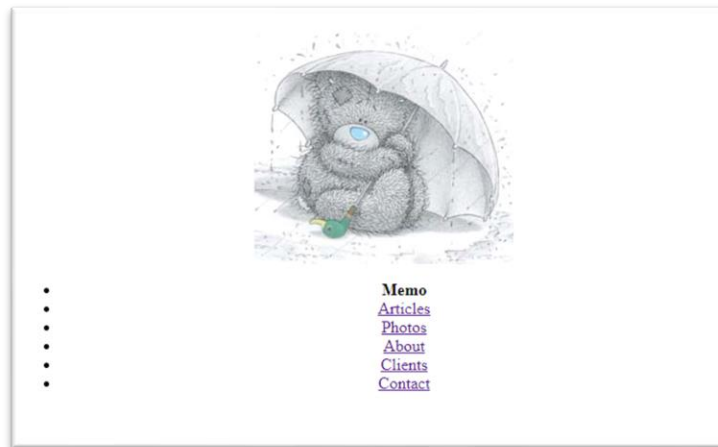
Implement the required functions in an external .js file to let TextStyle.html works properly

Here is a paragraph of text that has various alignment characteristics that can be changed dynamically. Click the radio buttons below to view combinations of text style settings.

fontFamily	textAlign	lineHeight	letterSpacing	textIndent	textTransform	textDecoration	textBorder	Bordercolor
<input checked="" type="radio"/> arial	<input checked="" type="radio"/> left	<input checked="" type="radio"/> normal	<input type="radio"/> normal	<input checked="" type="radio"/> 0px	<input checked="" type="radio"/> none	<input type="radio"/> none	<input type="radio"/> none	<input type="radio"/> none
<input type="radio"/> courier	<input type="radio"/> center	<input type="radio"/> 10px	<input type="radio"/> -1px	<input type="radio"/> 5px	<input type="radio"/> capitalize	<input checked="" type="radio"/> line-through	<input type="radio"/> dotted	<input type="radio"/> pink
<input type="radio"/> georgia	<input type="radio"/> right	<input type="radio"/> 15px	<input checked="" type="radio"/> 2px	<input type="radio"/> 15px	<input type="radio"/> uppercase	<input type="radio"/> overline	<input checked="" type="radio"/> dotted	<input type="radio"/> red
<input type="radio"/> impact	<input type="radio"/> justify	<input type="radio"/> 1.5	<input type="radio"/> 3px	<input type="radio"/> 25px	<input type="radio"/> lowercase	<input type="radio"/> underline	<input type="radio"/> double	<input type="radio"/> green
<input type="radio"/> times							<input type="radio"/> groove	<input checked="" type="radio"/> blue
<input type="radio"/> new roman							<input type="radio"/> dashed	<input type="radio"/> yellow
<input type="radio"/> verdana							<input type="radio"/> insert	<input type="radio"/> purple
							<input type="radio"/> solid	
							<input type="radio"/> outset	
							<input type="radio"/> ridge	

4. Given a web document as shown below in Fig. a, with only these few lines of code in shown in Fig. b. Using DOM Nodes to access, create, modify or remove any of its elements to have it finally as shown in Fig. c.

Fig. a



```
<div id="header">
  
</div>
<div id="navigation">
  <ul id="nav">
    <li><strong>Memo</strong></li>
    <li><a href="Articles.html">Articles</a></li>
    <li><a href="Photos.html">Photos</a></li>
    <li><a href="About.html">About</a></li>
    <li><a href="Clients.html">Clients</a></li>
    <li><a href="Contact.html">Contact</a></li>
  </ul>
</div>
```

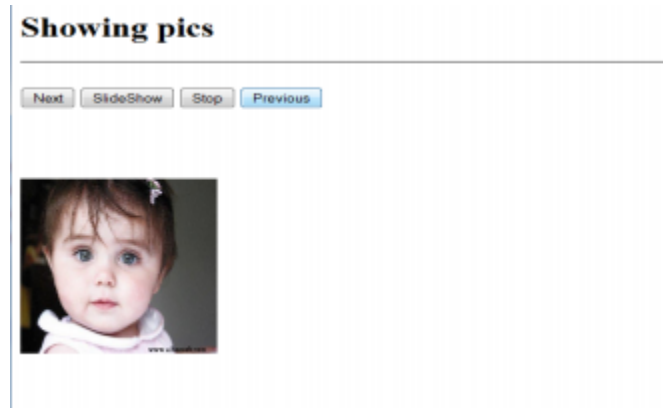
Fig. b



Fig. c

5. Photo gallery with Next, Previous and Slideshow.

- Next goes to next pic and stops when reaching last image
- Previous goes back to previous image and stops when reaching first image
- Slideshow will circulate, i.e. when reach last image is should continue displaying staring from first image
- Stop will stop slideshow behavior.
- Let the delay between every to image lasts 2 seconds



6. Create an animation on the page that makes an orange marble move to the next location in the line every second. Allow the user to stop the animation by placing the cursor on any marble.

The animation will restart again once the user removes the cursor from that marble. Add your own interesting feature to the script that tinkers with the speed or location of images

