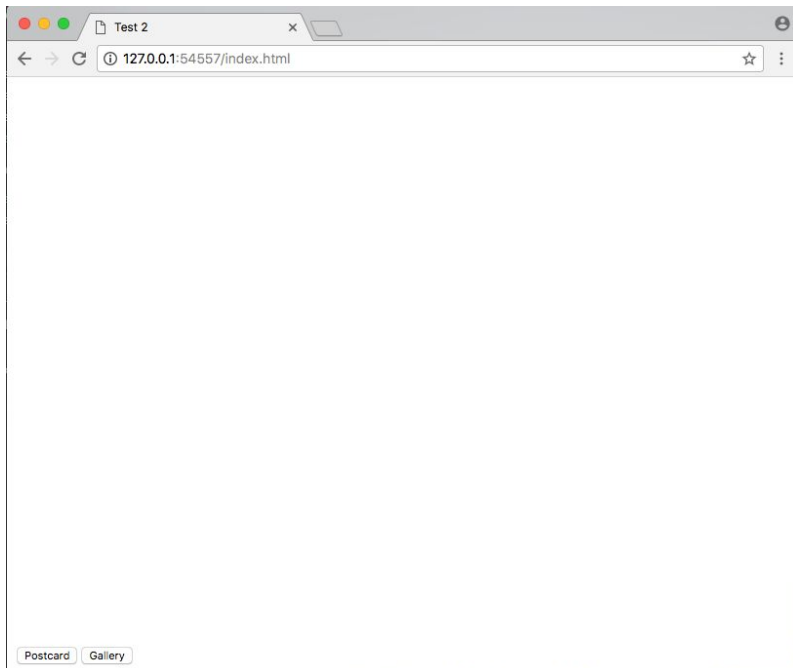EXAM 2 - /29 - 2 marks for putting scripts into functions

Mini Postcard Gallery.
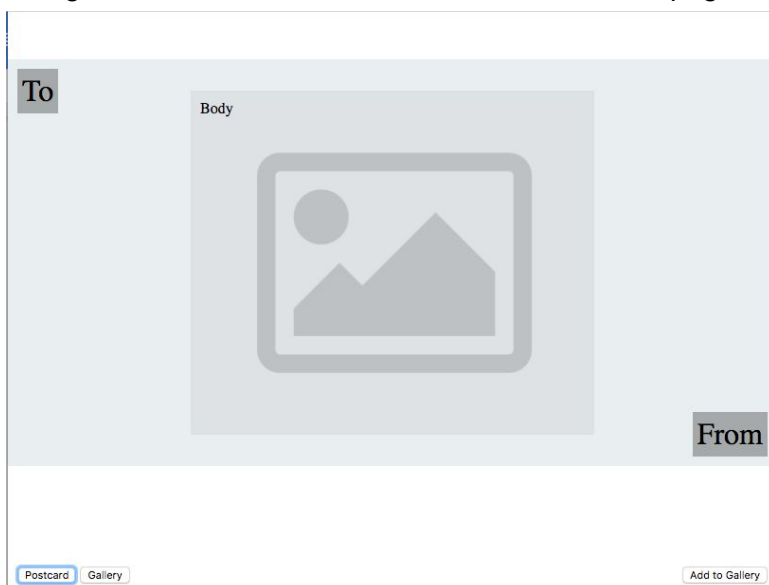
LEVEL 1 - The UI is very straight forward. I won't explain much. Follow the image and the index.html comments to complete the UI. *HINT: there's a lot of display style changing*

Navigation <div> on the bottom left.

When postcard <button> is clicked on change the display of the postcard <div> to block, and the gallery <div> to none.

The Postcard <div> contains a To <div> positioned on the top left of the card <div>, a From <div> positioned on the bottom right, and a Body <div> positioned in the center. Remember to give some transparent background color to the <div>s and use the default.png as the background image.

When the Gallery <button> is clicked on, change the display of the gallery <div> to block and postcard <div> to none.

Gallery <div> with gallery controls on the bottom right

MARKS BREAKDOWN /10
You lose 1 mark for every incorrect html/style/js

LEVEL 2 - The objective here is to change the post card using the controls.

When the card is clicked on, change the display of the card control to block.
Filling in the text inputs and keying up return in any of them will
- Change the background image
- Change the text of the To <div>
- Change the text of the Body <div>
- Change the text of the From <div>
- Change the card control <div>'s display back to none

There's no need to position the card control <div> properly, just place it wherever you want.
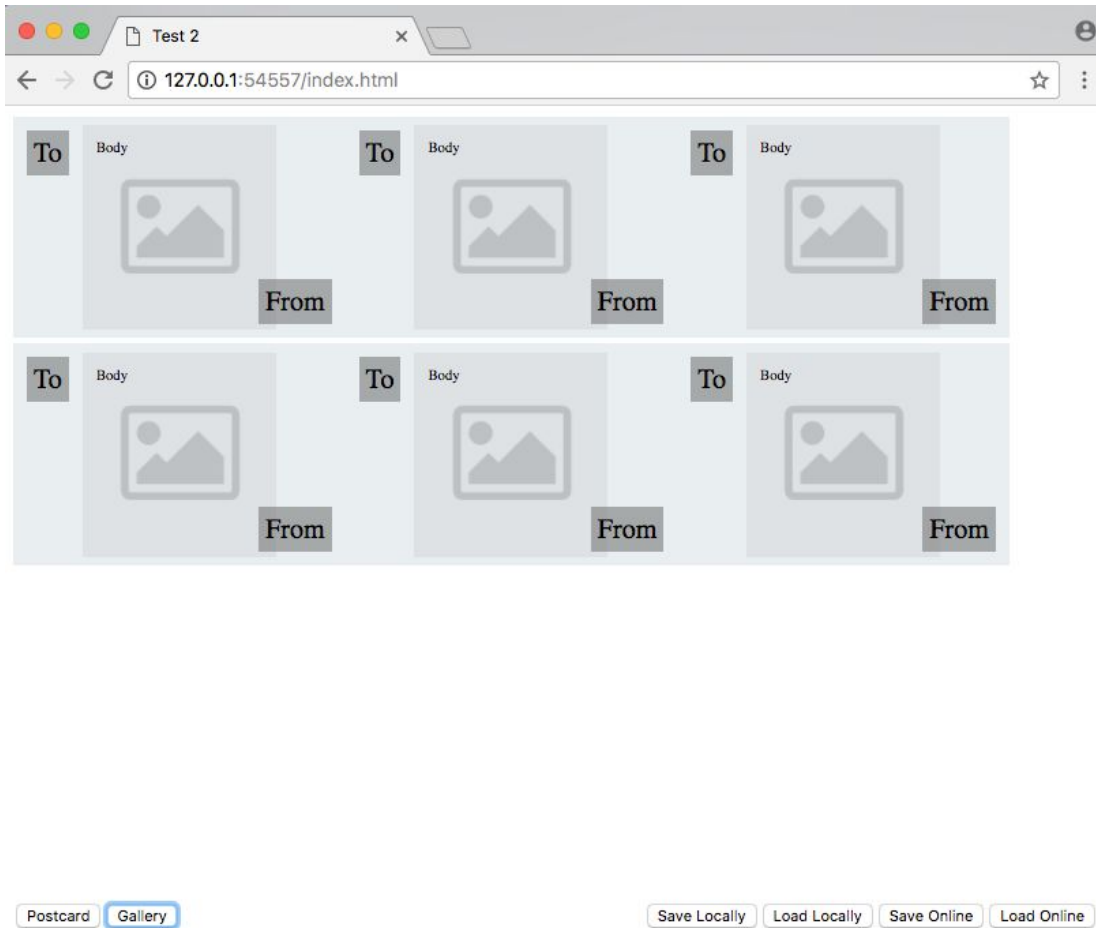
MARKS BREAKDOWN /6
- card display /1
- each interaction upon keyup /5

LEVEL 3 - Creating the Gallery.

When the Add to Gallery <button> is clicked on, you'll create a replica of the same post card on the gallery screen. Except the <div>s are smaller and the font sizes are smaller.

I clicked add to gallery 6 times, so it shows 6 of them in the gallery

MARKS BREAKDOWN /4
- adding new elements /2
- using new styles /2

LEVEL 4a - Fetching and saving online
Very simply, I want you to save to an online database by fetching the following url
http://www.bcitdigitalarts.ca/vote/server/exam.php and the object to pass is

```
{
    type:"insert",
    bgimg:"",
    mto:"",
    mbody:"",
    mfrom:""
}
```
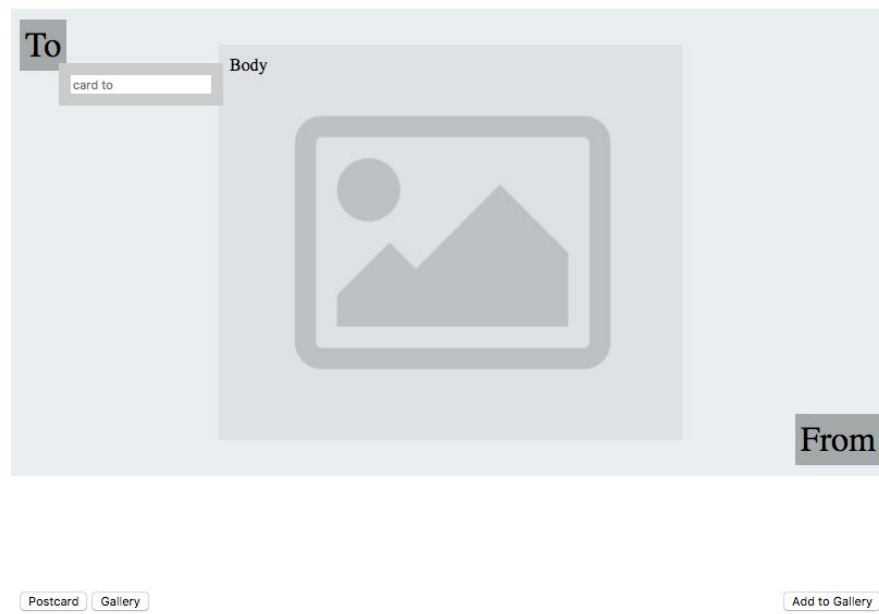
After saving online successfully, I want you to get all the cards with type:"read" and repopulate the gallery with existing cards.

MARKS BREAKDOWN /2

LEVEL 4b - Complicated UI

Basically, re-modify the card control so that only the correlated <inputs> shows when you click on a specific <div> in the card.

EG, clicking on the To<div> opens up only the To <input> etc.

MARKS BREAKDOWN /2

LEVEL 4c - Saving and loading using LocalStorage

Using arrays and objects, save your cards in the localStorage when the Save Locally <button> is clicked. And retrieve them from the localStorage when the Load Locally <button> is clicked.

MARKS BREAKDOWN /2

FINAL LEVEL - 2 parts (Solving 1 gives you 1 mark, solving all 2 gives you 2 bonus mark)

PART 1 - In the gallery, figure out a way so that whenever a card is clicked on, it gets you back to the postcard <div> and allows you to edit the card. The changes you make to the card will automatically update in the gallery.

PART 2 - Whenever you fetch online, do a statistics of all the different kind of images used for the background images and alert them. Do the same for the length of the names written in the To <div> and From <div>. Make sure you don't count the word "To" and "From"

EG gif:5, png:10, 3 letter names:5, 4 letter names:6 etc.

MARKS BREAKDOWN /1 + 2 bonus