# Homework 4

# The Setup

Please read <https://github.com/csulbying/web-app-dev/blob/master/01-setup/setup.md> for detail instructions to setup your development tools, create a Github repository, and how to deploy a git repository to Netlify (<https://app.netlify.com/> ).

# The Submission

## The detail web site requirements are given in the next section. Once you complete it, please create a text file (a file with “.txt” postfix) that has two links, one to your github repository and one to your netlify website. Please submit the text file to the beachboard dropbox.

## Wrong file format, invalid URL, or un-working application is completed and gets 0 point. For example, below is the sample content of your hw.txt (the links are sample links, please change them to your github repository and your netlify site)

https://github.com/your-github-name/your-repository.git

<https://user-specific-part.netlify.com/>

# Assignment

1. Crete an HTML page that display a balloon (🎈 emoji) in the middle of the page with a default size of 30px.



1. Add an event listener to handle “keyup” event that when you press the “I” or “I” key , it should inflate (grow) 10px, and when you press the “D” or “d”, it should deflate (shrink) 10px.



1. When the balloon size is bigger than 60px, please display a 💥 emoji and stop running.



1. When the size is 0, replace the balloon element with a text of “Done”. In either case (>60px or <=0px), please remove the event listener.

Hints:

Google an emoji symbol to find the HTML code to display an emoji. Use code like

*const handler = function (event) {… }*

*document.addEventListener('keyup', handler);*

*document.removeEventListener('keyup', handler);*

To define the event handler. The event.keyCode has the key code.

Control the emoji size by setting the font-size CSS property (style.fontSize).