

❑ **ACTIVITY 1 - Loaded icon**

- Create a page that can display a series of 10 gray rectangles in an animation
- The rectangles will have a width of 5 pixels and a height of 50
- One of the rectangles will be black and will change to gray while the next one changes to black in every tenth of a second
- It can be used as a layer that displays animation when loading background elements. In this practice it is enough to achieve animation.



❑ **ACTIVITY 2 - Counter of visits**

- Create a page that tells the user the number of times the user has passed through the page
- Unable to use cookies

Esta es tu visita nº 3

❑ **ACTIVITY 3 - Task Builder**

- Create a page that allows you to create a list of tasks
- A text square will appear in which we can write the name of the task and an “Add” button
- Added tasks are displayed in a list that always displays them in alphabetical order
- Each task is accompanied by a button with the text “Delete” that will allow you to delete the task
- It will not be allowed to add the same task 2 times.
- The list is only valid for the browser, but with no date limit.

(Use a Set structure to avoid repetitions (array – set conversion is very easy))

The tasks will be added to that structure and then shown. Every time we add a task, we place it in the list looking for its position (in alphabetical order) and update the **LocalStorage**. This last action is the least efficient, in a real system it is surely more practical to save from time to time or add a save button. But in this case, with few tasks, the storage in **LocalStorage** is efficient enough.)

Lista de tareas

+

- Comprar pan Eliminar
- Recoger la habitación Eliminar

❑ ACTIVITY 4 - Giant Video

- Show a video you've downloaded so that it takes up the entire window (the entire body) but doesn't warp
- We don't want controls to appear
- We want that when you click directly on the video, the video plays or stops. Each click changes from one state to another
- By pressing the right button we want a centered text to tell us the total time of the video in minutes and seconds. If we press the right button again, this panel is hidden again. And so on.