JavaScript UI & DOM – Practical Exam

17 June 2014

Task 1

Task

Given the HTML (index.html) write JavaScript function ***createImagesPreviewer(selector, items)*** in file scripts.js.

The function accepts two parameters:

- **Selector** – the selector of the DOM element, where the previewer must be generated in. It can be any CSS3 selector ('#id', '.class', 'NODE_NAME')
- **Items** – an array of objects. Every object in the array has **two mandatory properties – title** and **url**. Title is the title of the image, and url is a path to the image (JPG/PNG).
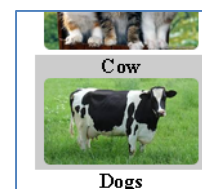
The execution of the ***createImagesPreviewer(selector, items)*** function should result as follows:

- All images from the items collection must be displayed on the right
  - With their title above them
- Above the images on the right, there must be a filter box
  - For filtering the images
- The first item from the items collection should be displayed bigger on the left
  - With its title on top

Images in the list (on the right) have some properties:

- When *hovered*
  - They should change their background color
- When *unhovered*
  - They should return to their default background color
- When *clicked*
  - The bigger image and its title (on the left) are replaced with the clicked image on the right

The filter should provide functionality for filtering the images on the list of images (on the right)

- When the *text in the box changes*
    - The list of images should be **filtered** only to those that have a title containing the pattern
- When the *text in the box is empty*
    - **All images** should be visible

You can find more images to help you understand the task in the 'result' folder.

Constraints:

- You are allowed only to edit the contents of the file "scripts.js"
- You are NOT allowed to edit the contents of the HTML and/or the CSS files

Files to Submit

When ready send all files in "task-files" directory as a single zip file.