

Data Visualization

Assignment #1

Homework assignment #1

“Build a basic website about yourself using HTML5, CSS, SVG, Javascript, jQuery”

The website must include at least 3 interlinked webpages containing:

- 1-2 paragraphs about yourself and a picture of yourself
- CSS to style the pages, with specific styles for at least 5 elements
- On one page, a **data-driven visualization image** that you found on the web, with a one paragraph explanation of why you like it
- On one page give credit to all the sources¹ you have used to build the website (e.g. jQuery License: MIT and jQuery License)

Homework assignment #1 - SVG

- One of the pages must include an SVG showing at the same time three animated (moving in time) and colored geometric shapes
- Must allow the user to click on the animated shapes and in response perform some action on the shapes (disappear them, freeze/unpause them etc).

Homework assignment #1 – resources

Start by completing:

- codecademy.com HTML and CSS tutorials
- codecademy.com JavaScript and jQuery tutorials
- W3schools SVG tutorial

Alternatively,

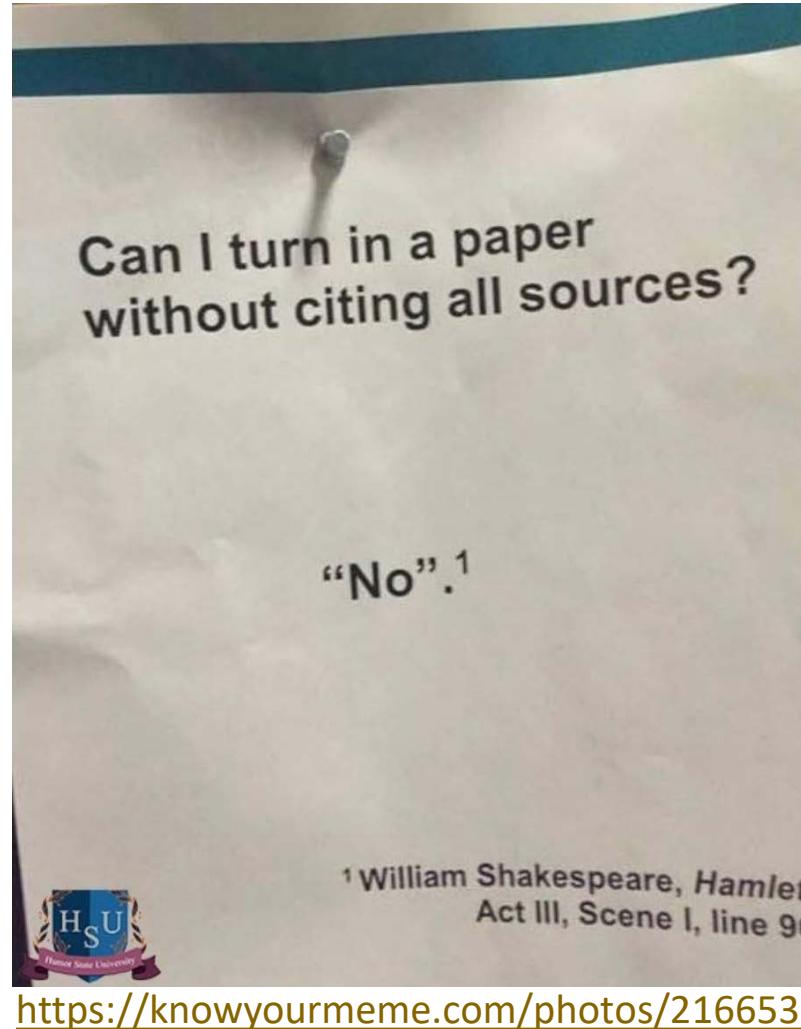
- W3schools HTML
- Dive Into HTML5 – Homepage
- Dive Into HTML5 - Canvas
- Links for visualization examples, feel free to browse through bloomberg.com, nytimes.com, nasa.gov, or other resources (see also Documents > [0] Resources)

Homework assignment #1 – submission info

Please submit your site on eClass as a .zip file, which contains the folder of your site with all the files and subfolders.

Homework assignment #1 – citing and crediting

The importance of citing sources and giving credit...



Thank you!

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<https://eclass.uoa.gr/courses/DI453/>