## Lab 1: Review about HTML, CSS, Javascript

### **Guide:**

- 1. https://www.w3schools.com/html/default.asp
- 2. https://www.tutorialspoint.com/html/index.htm
- 3. https://developer.mozilla.org/en-US/docs/Learn/Getting\_started\_with\_the\_web
- 4. Robbins, Jennifer Niederst. Learning web design: A beginner's guide to HTML, CSS, JavaScript, and web graphics. "O'Reilly Media, Inc.", 2012.

### Exercise #1:

Create a page that looks like this, using CSS styles:

# X-241 Dog Robot

#### Overview

The X-241 is the perfect canine pal for the busy billionaire.

#### Details

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## Warnings

- · Do not immerse in water.
- · Do not eat.
- Does not exist.

### Exercise #2:

Create a page that looks like this, using CSS styles:

### Cats and Dogs

I have a cat, and am thinking of getting a dog. Will they fight?

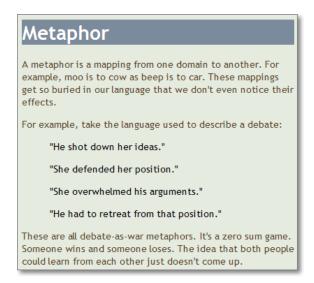
The idea that dogs hate cats may have been born because dogs chase cats and grew because cartoons depicted ongoing battles between the two species. Or it may have been generated because some dog people strongly dislike cats and some cat people disdain dogs. However, dogs and cats can live peaceably as long as owners understand the behaviors of each

In some cases, a resident cat will isolate itself when a puppy is added to the family. In other cases, cats and dogs never get used to each other. In still other cases, cat or kitten and dog or puppy play together and build a friendship that finds them curled up together in a crate or bed and drinking out of the same bowl. The type of relationship developed in each household depends on the personality of the animals and the understanding of the owners.

[From Dog Owner's Guide: Fighting furry furies? (www.canismajor.com/dog [furfury.html)]

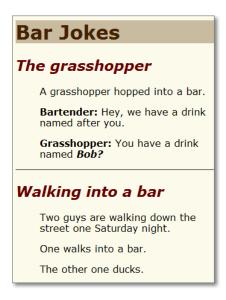
### Exercise #3:

Create a page that looks like this, using CSS styles:



## Exercise #4:

Create a page that looks like this, using CSS styles:



# Exercise #5:

Create a page that looks like this, using CSS styles:

# Studying Advice

Much of the advice people give about studying is wrong.

Always study in the same place?

#### Wrong!

Study one topic intensively before going on to the next?

#### Wrong!

Here are some study tips that are based on actual research.

From Forget What You Know About Good Study Habits, by Benedict Carey, published in the New York Times on September 6, 2010.

### **Alternate study environments**

Study in the library, in the coffee shop, in your room, ... Varying the place you study helps you remember more.

### Mix content

Study a bit of this, a bit of that, some this again, some of the other. Switching content helps you remember more.

### Space study sessions

Three one-hour sessions is more effective than one three-hour session.

### Self-testing

Test yourself, or have a buddy do it. It helps you know how well you know.

CoreDogs is good at this. That's what the review system is for.

### Exercise #6:

Create a page that looks like this, using CSS styles:

# Friendly formulas

Your friend, the parabola

 $y = ax^2 + bx + c$ 

A normally distributed variable

 $x\sim N(\mu, \sigma)$ 

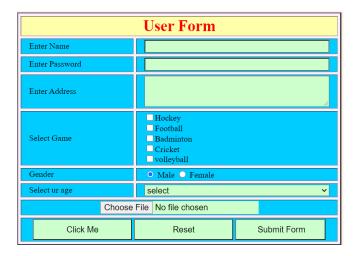
### Exercise #7:

Create a page that looks like this, using CSS styles:



# Exercise #8:

Create a page that looks like this, using CSS styles:



# Exercise #9:

Create a page that looks like this, using CSS styles:

