

CST 366 - Internet Programming

Spring 2020 - Week 5.1

REVIEW

Due Date

- Assignment 3 due on Sunday 03/08 @ 11:59PM PST

MIDTERM

- Wednesday, March 4th
- Open Book, Open Notes
- Format:
 - Theory: 35%
 - Code: 65%
- **Submission:**
 - *Heroku link* of your deployed code
 - *Public Github link* includes:
 - Your source code
 - *ReadMe.txt* contains answers to questions in the Theory section

Practice

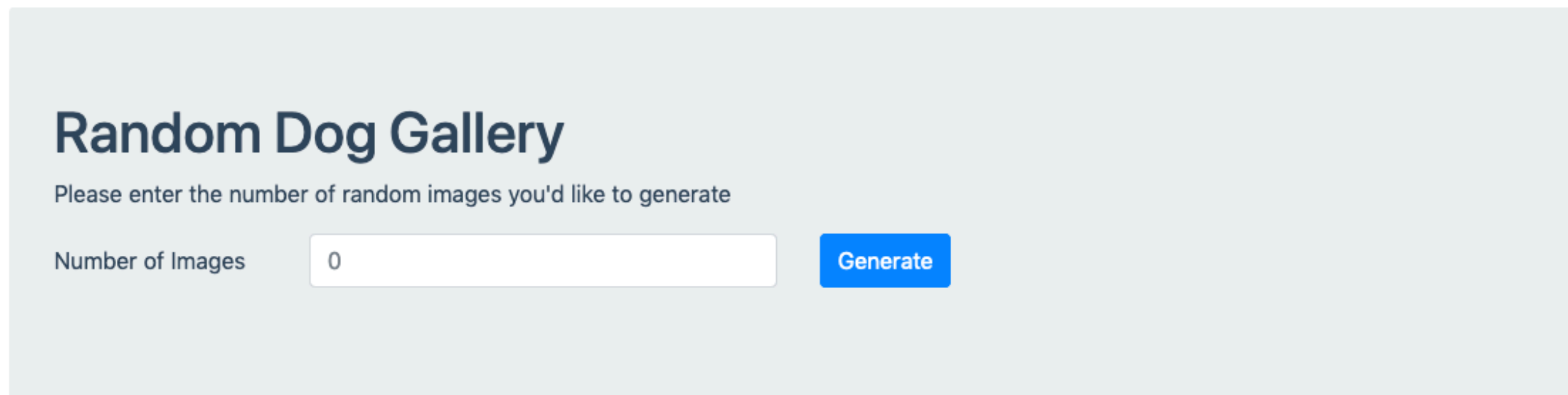
- Dog CEO API displays multiple random images from all dogs collection
- For example:
<https://dog.ceo/api/breeds/image/random/3>

return a list of 3 random dog images in the format

```
{
  "message": [
    "https://images.dog.ceo/breeds/...jpg",
    "https://images.dog.ceo/breeds/...jpg",
    "https://images.dog.ceo/breeds/...jpg"
  ],
  "status": "success"
}
```

Practice

- Your task is to create a web application:
 - query a number of images to be displayed, called **X**
 - fetch **X** random dog images from Dog CEO API and display ONLY 3 images per row
 - Each time fetching the **X** number of images, MUST clear all previous fetched images
 - Your GUI must be exactly the same as shown in the sample GUIs

A sample web application interface titled "Random Dog Gallery". Below the title is a subtitle: "Please enter the number of random images you'd like to generate". There is a text input field labeled "Number of Images" containing the value "0". To the right of the input field is a blue button labeled "Generate".

Random Dog Gallery

Please enter the number of random images you'd like to generate

Number of Images Generate

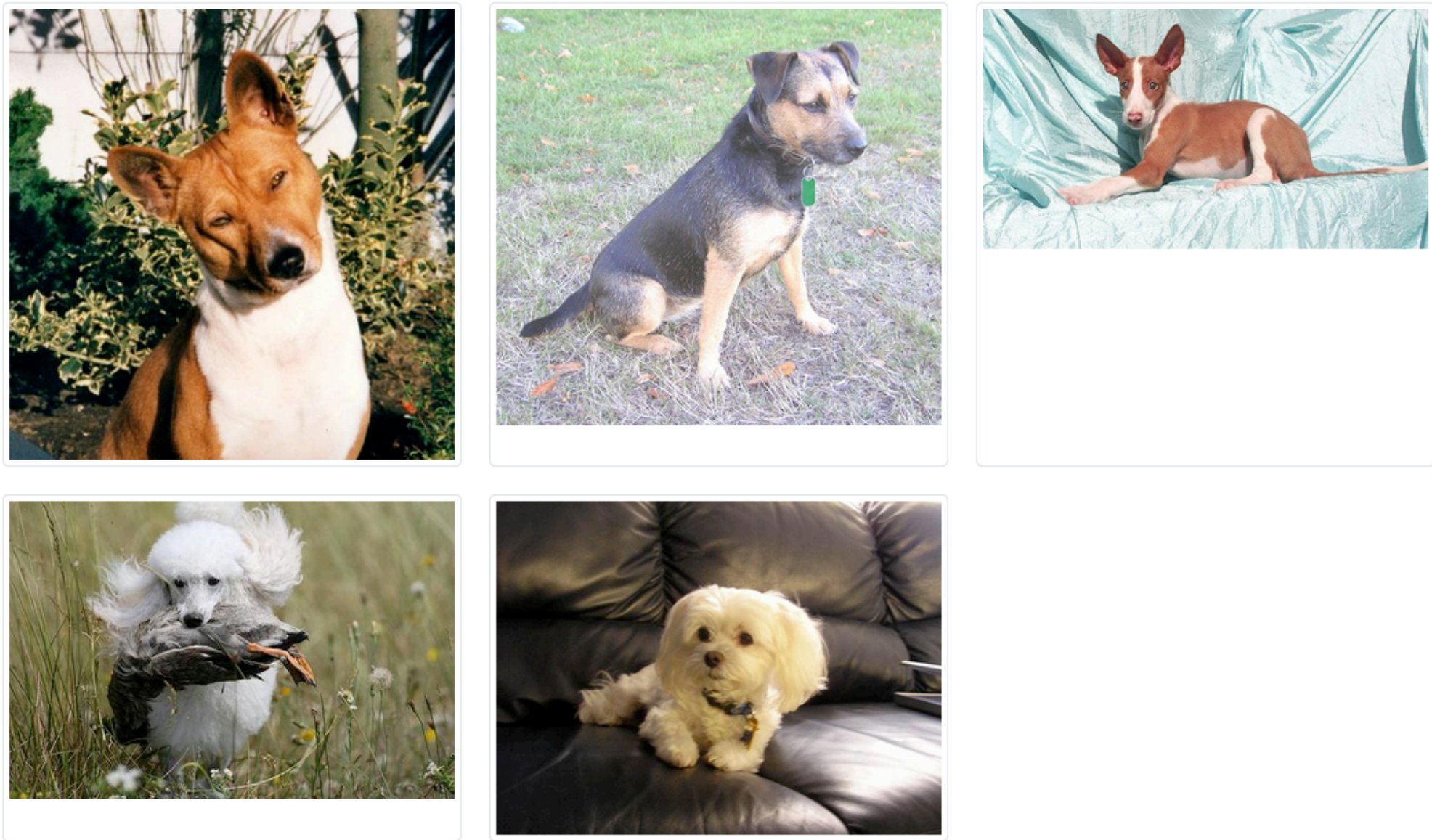
Displayed GUI when fetched 5 images

Random Dog Gallery

Please enter the number of random images you'd like to generate

Number of Images

Generate



Displayed GUI when fetched 10 images

Random Dog Gallery

Please enter the number of random images you'd like to generate

Number of Images

Generate

