

COMP1911 – JavaScript Workshop

Lab #6

This lab is due via FTP to BCIT's server before the following Sunday 11:59 pm (eight days from now).

Name your file as `firstname_lastname.html` (e.g. Tiger Woods would submit a file named `tiger_woods.html`).

Use an FTP client to upload your file as follows:

Hostname `myftp.bcit.ca`

Servertype: `FTPES – FTP over explicit TLS/SSL`

Username: your student number (e.g. A00112233)

Password: usually, your birth date (e.g. `yymmdd` such as 19801231)

Port: 21

Directory: `IN/COMP/1911`

For more information about uploading the file see:

<https://helpdesk.bcit.ca/fsr/sr/network/734.html>

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Create a javascript / html file that has the following behaviors:

There are two images on the page:

One image of a cat: its height must be 100px and original left position 10px and original top position 10px.

One image of a dog: its height must be 100px and original left position 10px and original top position 110px.

Whenever the non-moving cat image is clicked, it starts moving right at 1px per 100ms.

Whenever the non-moving dog image is clicked, it starts moving right at 10px per 3000ms; in other words, it takes bigger “steps”.

Keep track of these images with TWO timer variables (one per image).

When a moving image is clicked, it stops moving. (But, as it says above, if it’s clicked again, it starts moving again, and so on...).

Finally, include a button (at position: left=10px; top=220px) whose value is “EVERYONE STOP”. When this button is clicked, both timers stop, both images stop moving, and both images return to their original positions (cat: left=10px and top = 10px; dog: left=10px and top=110px).

IMPORTANT! Do not use jQuery for this lab.

IMPORTANT! Use object detection for this lab.

Make sure you include all of your images with your submission. Put all of your files into one folder, zip that folder, name the folder in the format `firstname_lastname.zip`, and upload that zip file to BCIT’s server.