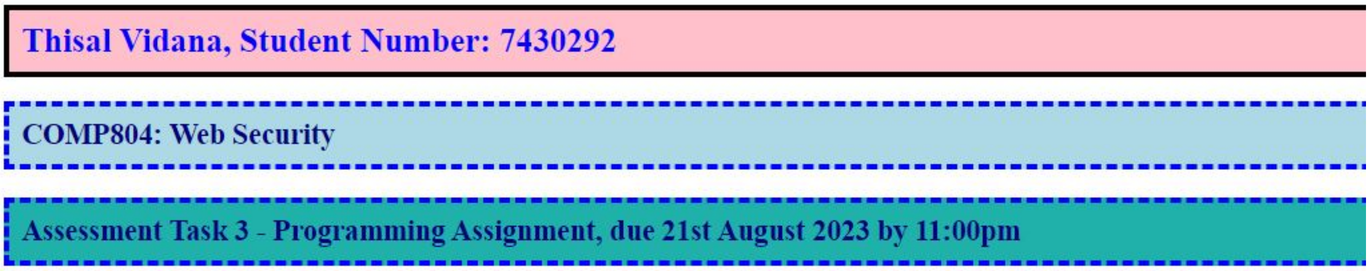
COMP804 Assignment 1 - Report: By Thisal Vidana

This report includes the screenshots for Assignment 1, which includes 4 tasks covering html, CSS and Javascript topics.

Below are some screenshots that illustrate Tasks 1-5:

Task 1 - This includes 3 heading tags with student, subject and assignment due date information

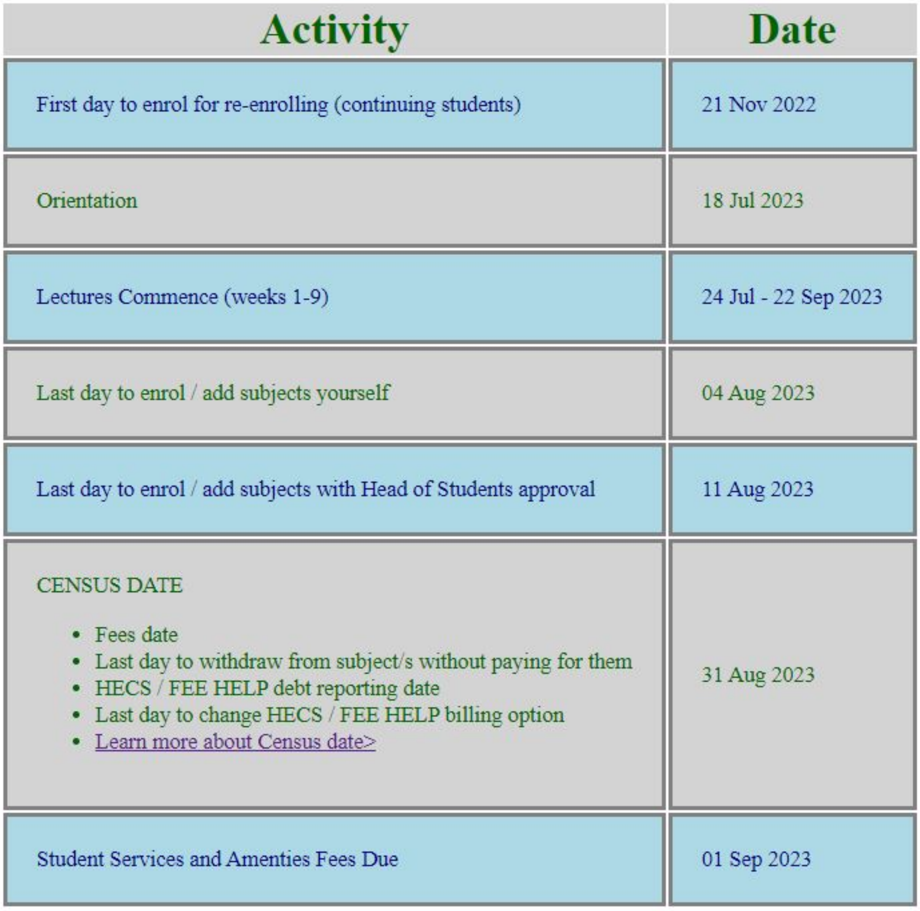


Thisal Vidana, Student Number: 7430292

COMP804: Web Security

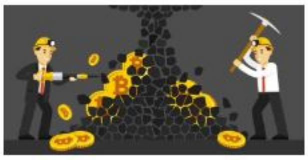
Assessment Task 3 - Programming Assignment, due 21st August 2023 by 11:00pm

Task 2 - This task asks to create a table similar to that of the key dates table on the UoW website, including a link for census date



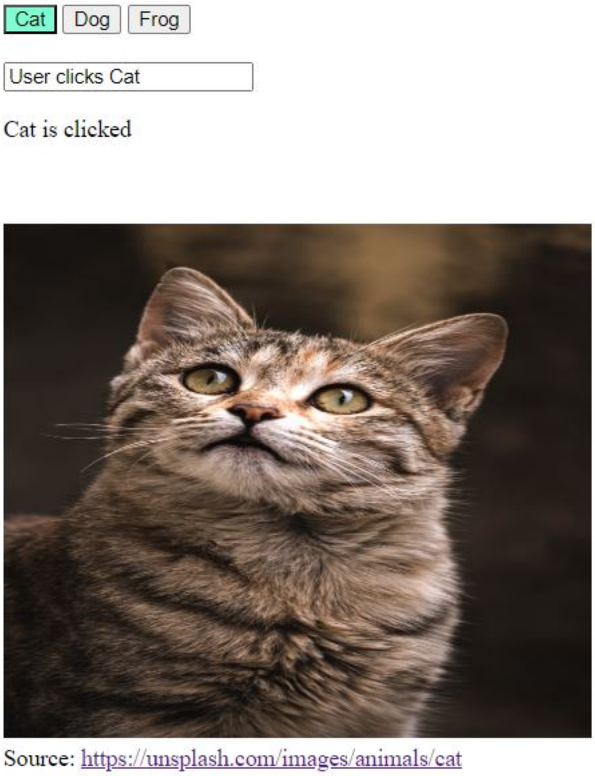
Activity	Date
First day to enrol for re-enrolling (continuing students)	21 Nov 2022
Orientation	18 Jul 2023
Lectures Commence (weeks 1-9)	24 Jul - 22 Sep 2023
Last day to enrol / add subjects yourself	04 Aug 2023
Last day to enrol / add subjects with Head of Students approval	11 Aug 2023
CENSUS DATE • Fees date • Last day to withdraw from subject/s without paying for them • HECS / FEE HELP debt reporting date • Last day to change HECS / FEE HELP billing option • Learn more about Census date>	31 Aug 2023
Student Services and Amenties Fees Due	01 Sep 2023

Task 3 - This task asks to create a table which outlines 10 types of web attacks with images, summary of the attack and and link to the source information

Name	
DoS Attacks Source: www.123rf.com/photo_65452190_victim-computer-laptop-with-target-lock-has-distributed-denial-of-service-ddos-attack-concept-design.html" />	A denial-of-service (DoS) attack acts to prevent a system in responding network to operate as it normally does and will result in a complete shut Learn more about DoS Attacks
Phishing Attacks Source:https://acuityrm.com/blog/phishing-cyber-risk-a-practical-quantitative-approach/	A phishing attack occurs when a threat actor sends emails that seem le victim to enter their login credentials or other personal information, or ev other users in the same network Learn more about Phishing Attacks
Ransomware Source: https://www.reversinglabs.com/blog/the-week-in-security-ransomware-pytorch-supply-chain-attack	Ransomware is when a victim network is held hostage until they agree t network back into operation. A network can become victim to ransomwa Learn more about Ransomware Attacks
SQL Injection Attacks Source: https://medium.com/@mycountryakash/sqli-injection-attack-fe34a64d1144	Sructured Query Language (SQL) Injection acts to take advantage of ne database on the server. Once the command is received, it is injected int the command.If successful, an attacker is able to access sensitive data Learn more about SQL Injection Attacks
Man-In-The-Middle Attacks Source: https://www.malwarebytes.com/blog/news/2018/07/when-three-isnt-a-crowd-man-in-the-middle-mitm-attacks-explained	Man-in-the-middle (MITM) attacks describe those attacks which make it spying on the data being exchanged between two parties, they are unav protocols or a VPN, networks can be victim to this. Learn more about Man-In-The-Middle Attacks
Cryptojacking  Source: https://blog.knowbe4.com/cryptojacking-101-a-first-look-at-cryptomining-attacks	Cryptojacking refers to when threat actors mine of crptocurrency using a residing in the network. Victims are often unaware of that crpto mining c Learn more about Crptojacking Attacks

Trojan Horses Source: https://www.freepik.com/premium-vector/computer-virus-trojan-horse_5742915.htm	Trojan Horse Attacks utilise a malicious code that is masked behind a pr backdoor into the network through which attackers can gain access. Oft Learn more about Trojan Horse Attacks
Supply Chain Attacks Source: https://cyberriskleaders.com/supply-chain-cyber-attacks-expected-to-quadruple-by-end-2021/	Supply Chain Attacks target third party vendors who work with the victi attacks can have a domino effect and result in large amounts of unauth Learn more about Supply Chain Attacks
Internet-of-Things Attacks Source: https://www.wallarm.com/what/iot-attack	Another type of attack is one that targets an Internet of Things (IoT) net a system to steal, manipulate and delete sensitive data as they wish. Th Learn more about Internet-of-Things Attacks
Cross-Site Scripting Attacks Source: https://www.securecoding.com/blog/xss-attacks/	Cross-Site Scripting is when an attacker sends malicious scripting usin a legitimate user, it does not seem unordinary. For example, the altered Learn more about Cross-Site Scripting Attacks

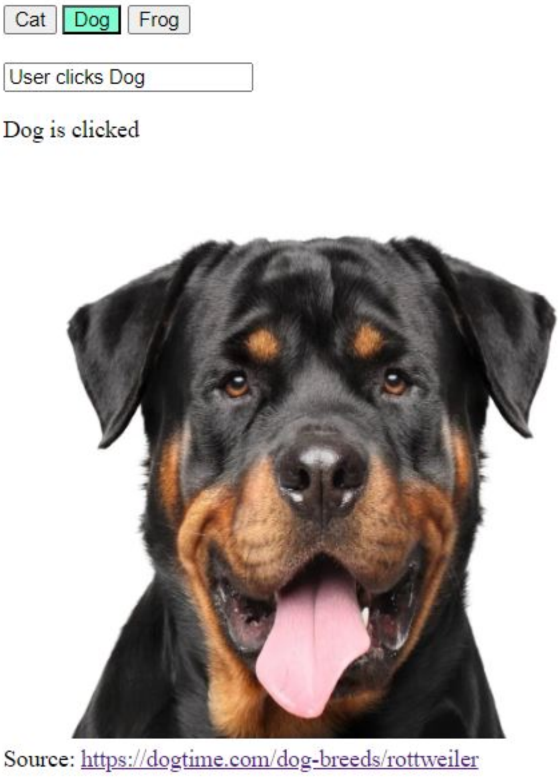
Task 4 - This task asks to create 3 buttons (Cat, Dog and Frog) and enable a highlighted button once clicked, a textbox to be filled, supporting text to appear underneath it, and finally the corresponding image and image source at the bottom



User clicks Cat

Cat is clicked

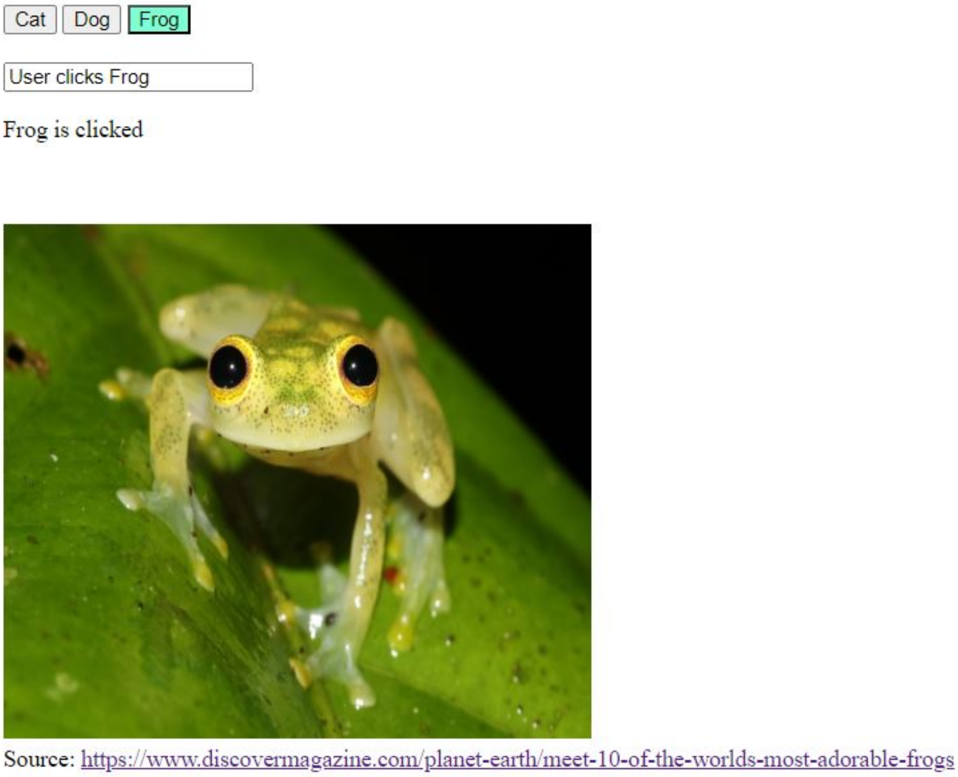
Source: https://unsplash.com/images/animals/cat



User clicks Dog

Dog is clicked

Source: https://dogtime.com/dog-breeds/rottweiler



User clicks Frog

Frog is clicked

Source: https://www.discovermagazine.com/planet-earth/meet-10-of-the-worlds-most-adorable-frogs

Task 5 - Finally, the above code and relevant images and files were required to be uploaded to a Github Repository and the link provided
Link : https://github.com/tvidana/tvidana_COMP804_Assignment1