

## CSIT884

### Programming Exercise (Week 4)

*(this is not an assignment)*

**Question 1.** Create a web page such that whenever the web page is loaded, it displays the current date, such as “Today is 25-10-2000”.

Today is 19-10-2020

**Question 2.** Create a web page and display 2 images of a lion and a frog, side by side.

When the user moves the mouse over either of the images, then the two images swap their places.

Move the mouse over the images



**Question 3.** On a web page, displays “Enter command: ”, followed by a text field for the user to enter a command. The user can enter a command and press the Enter key to execute the command.

Enter command:

There are two valid commands: “display lion” and “display frog”.

- When the user enters the command “display lion” and presses Enter key, then an image of a lion is displayed on the webpage.
- When the user enters the command “display frog” and presses Enter key, then an image of a frog is displayed on the webpage.
- If the user enters an **invalid command** and presses Enter key then an alert window appears which says “Invalid command”.

**Question 4.** On a web page, display an image of a frog.

Each time the user clicks on the frog image, show one more frog face on the page.

Below is what displayed after the user clicked on the frog image 10 times. We can see that the page shows 10 frog faces. We can use the following character entity hex code for the frog face x1F438.



**END OF THE PROGRAMMING EXERCISE**