

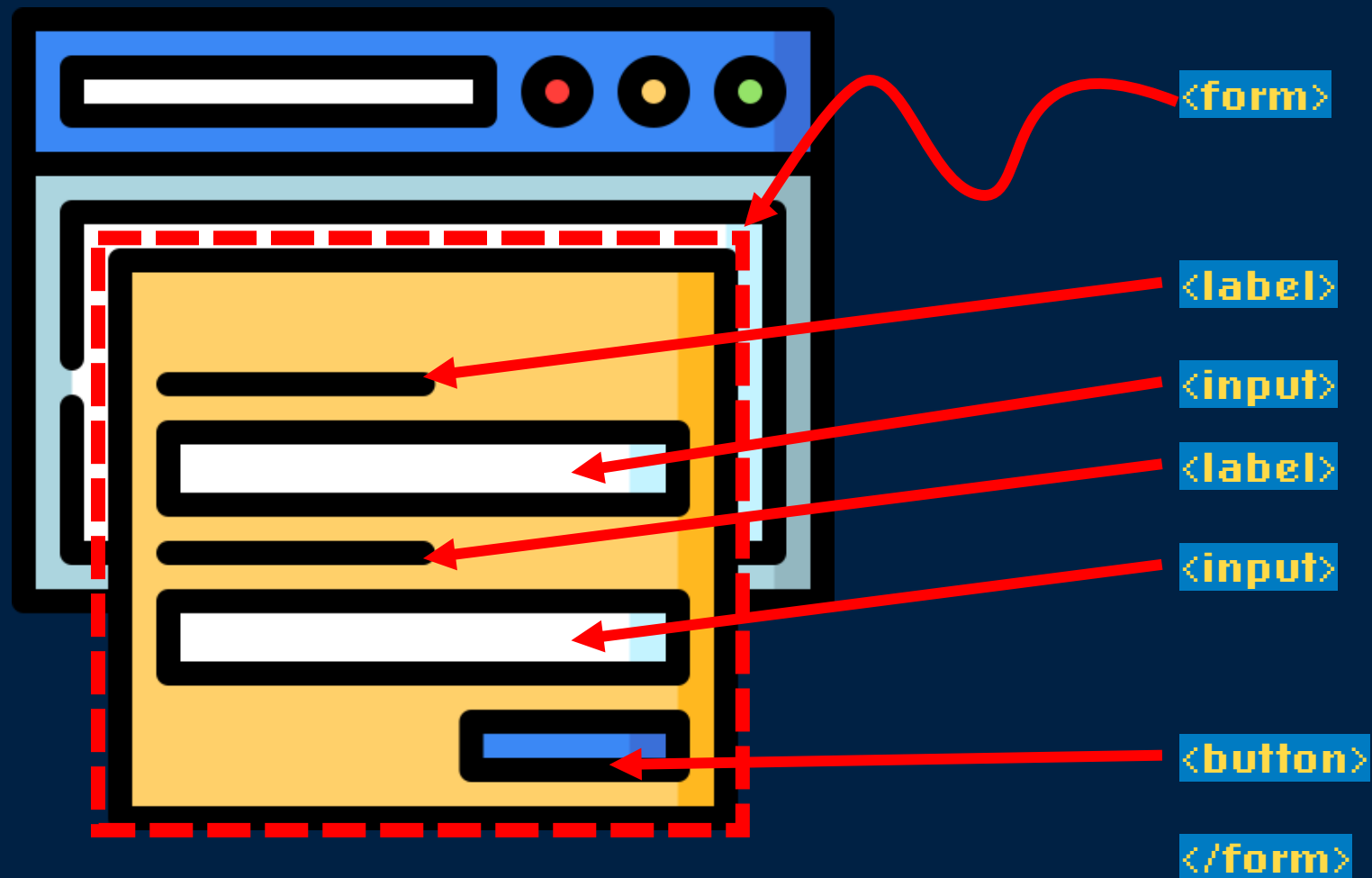


CMPSC 302

WEB DEVELOPMENT



# `<form>`alizing your knowledge





# <input>



`<label for = "sendMsg">Message</label>`

`<input type = "text" name = "sendMsg" id = "sendMsg"  
placeholder = "Enter message">`



clicky click click click click click

Default: forms submit  
when buttons are clicked





# What's your type?

Buttons "type" attributes set their behavior

Submit

Reset

Button



```
<button type = "      ">CLICK</button>
```



CLICK



You know me, I've a lot to say



Sometimes, we want to enter more text than just a line, though.

Here, `<textarea>` is handy.

`<textarea name = "sendMsg" id = "sendMsg">Lorem ipsum....</textarea>`



# modal-ly, bro

CatChat v.04.14.2022.11.45.01

🐱 Hi! To use CatChat, you need a username! 🐱

Please set one below.

»

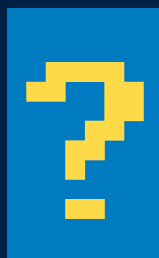
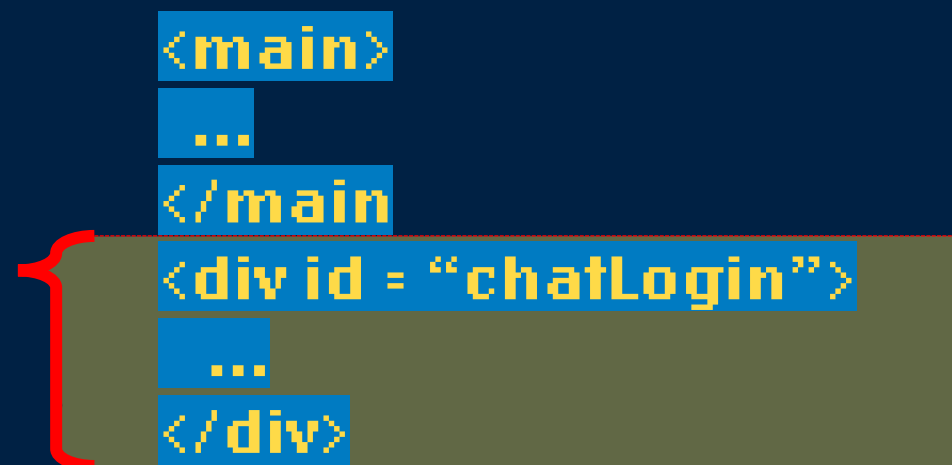
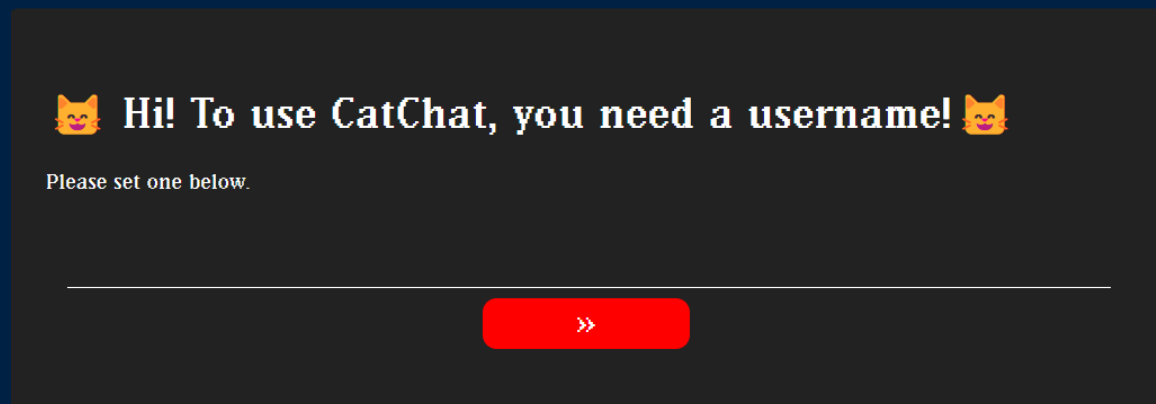
## “modal” window

»



# modal-ly, bro

Several ways (including external libraries) to create them, but here:





- \* `position: relative`
- \* `top: 50%;`
- \* `transform: translateY(-50%);`





# <...hidden> in plain sight

Hiding a modal window involves Javascript to add the “hidden” attribute:

 Hi! To use CatChat, you need a username! 

Please set one below.

»

\* when the correct button is clicked

\* which involves:

- \* an `EventListener`
- \* Setting `chat.name` (in this case)
- \* Use of `setAttribute` method to:

```
setAttribute("hidden",true)  
on the modal
```



# One more note about accessibility

- \* This assignment addresses accessibility in two ways:
  - \* contrast (colors)
  - \* errors (new)
- \* Errors, in this respect, are missing labels or other HTML issues which interfere with any user's ability to effectively use the application
- \* This leverages a tool in the scheduled called the "WAVE Accessibility Evaluation Tool" (WAVE):
  - \* <https://wave.webaim.org/>



# One more note about accessibility

WAVE

web accessibility evaluation tool

powered by WebAIM

Address: <https://chat.cmpsc302.chompe.rs>

Styles: OFF ☐ ON

Summary

Details Reference Structure Contrast

0

Errors

0

Contrast Errors

0

Alerts

3

Features

2

Structural Elements

0

ARIA

View details

Congratulations! No errors were detected! Manual testing is still necessary to ensure compliance and optimal accessibility.

The following apply to the entire page:

\*en\*

CatChat v.04.15.2022.10.16.00

Page issues (HTML)

Page issues (CSS)

Not the same as page validation

username:

Please set one below.

Code



# Making layouts

Ulysses 🐾 has entered the chat

Ulysses 🐾 Meow

Ulysses 🐾 Meow meeeooww

Ulysses 🐾 Meow meeeooww meeeoowwww

Mewoowow owowowow

same  
<form>

Mewoowow owowowow

Ulysses 🐾 has entered the chat

Ulysses 🐾 Meow

Ulysses 🐾 Meow meeeooww

Ulysses 🐾 Meow meeeooww meeeoowwww