

# Interacting with the User

COP 2500

Fall 2011

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# alert()

- Is used to send a warning to the user or alert them to do something
- For example:
  - Wrong password
  - Not support a certain plug-in
  - Used for debugging to find out the results of a calculation

# alert() Format

- `alert("String of plain text");`
  - Example: `alert("Password is incorrect!");`
- `alert(expression);`
  - Example: `alert(a+b);`
- `alert(combination);`
  - Example: `alert("The max value is: " + max);`

# prompt()

- Asks the user for some small amount of information
- For example:
  - Password
  - Completion of a form input
  - Personal information

# prompt() Format

- `prompt(message);`
  - Example: `prompt("What is your password? ", "");`
- `prompt(message, defaultText);`
  - Example: `prompt("What is your password? ", password);`
- `Variable = prompt(message);`
  - Example: `password = prompt("What is your password: ", "");`

# confirm ()

- Is used to confirm a user's answer to a question
- For example:
  - Confirm an online order
  - Confirm deleting a file
  - Personal information

# confirm() Format

- `confirm(message);`

- Example:

```
if (confirm("Are you OK? ") == true)
    alert("Then we can proceed!");
```

- The message will appear in the box with an OK button and a Cancel Button

# Exercise (1)

- Problem: check username
  - input a username to the system
  - ask the user to confirm the input username
  - When the username is "COP2500", alert the user it is a right username
  - When the username is wrong, alert the user

# Exercise (1)

## ■ Solution:

```
var username = prompt("What is the username", "");
if (confirm("Are you sure the username is: "+username) == true)
{
    if (username == "COP2500") {
        alert("Right username!");
    }
    else {
        alert("The username is wrong!");
    }
}
```

# Tips for the lab

- Include one and only one HTML template in one .html file. And match each HTML tag.

```
<html>
```

```
<head><title></title></head>
```

```
<body>
```

```
  <!-- put your JavaScript code here-->
```

```
</body>
```

```
</html>
```

# Tips for the lab

- Don't put any HTML tags directly in your JavaScript code

```
<script language="JavaScript">  
    document.write("Line #1");  
    document.write("<br>");  
    document.write("Line #2");  
</script>
```

- Check spells in your code, especially upper and lower case

# Any Question?

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