JavaScript coding exercises: making decisions in JavaScript

How to do exercises (look videos JavaScript coding exercises in the Introduction):

* Read the exercise and understand it
* If you have any questions about the exercise go to questions and answers, find the exercise and post the question there
* Open the empty html and empty JavaScript file (can be downloaded from the download section )
* Write the solution to JavaScript file
* Use the JavaScript console to see if everything works ok (View-Developer-JavaScript console)
* Go to Gist (https://gist.github.com/)
* Paste the contents of the JavaScript file to Gist(https://gist.github.com/), for the filename write anything but use the .js extension
* Go back to Q&A, find the exercise. Search by the exercise name – the bold text
* When you find it, paste in the link to your gist solution

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Coding exercise: **guessNumberProgram**

Create a number from 1 to 6 and store it in a variable. Than ask visitor to guess the number. If user guesses display the message “Great, you guessed” otherwise “Bummer, the correct number was ” and display the correct number.

Update the program: if he/she doesn’t guess, give him or her another possibility to guess and give a hint: “number is smaller” or “number is bigger”. And when he or she answers again display the appropriate message, that is “Great, you guessed if the answer is correct. Or “Bummer, the correct number was ” and display the correct number.

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Coding exercise: **whoAreYou**

Add a conditional statement that test to see if the isAdmin variable is true. If it is, then open an alert with the message "Welcome administrator".

Add an else if clause that tests to see if the isStudent variable is true. If it is, then open an alert dialog with the message 'Welcome student'.

Add a final else clause to this conditional statement. So that, if the isAdmin and isStudent variables are both false, an alert opens with the message "Who are you?"

var isAdmin = true;

var isStudent = false;

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Coding exercise: **largerNumber**

Write a JavaScript program that accept two integers from the user and display the larger.

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Coding exercise: **sort3numbers**

Write a JavaScript conditional statement to sort three numbers. Display the result on the page.

Sample numbers : 0, -2, 3  *Output*: 3, 0, -2

var val1 = 0;

var val2 =-2;

var val3 = 3;