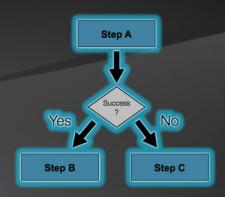
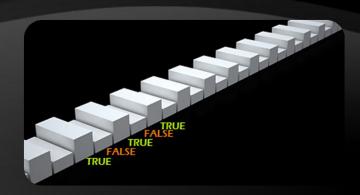
Telerik Academy







Conditional Statements

Implementing Control Logic in JavaScript

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Exercises

- 1. Write an if statement that examines two integer variables and exchanges their values if the first one is greater than the second one.
- Write a script that shows the sign (+ or -) of the product of three real numbers without calculating it. Use a sequence of if statements.
- 3. Write a script that finds the biggest of three integers using nested if statements.
- 4. Sort 3 real values in descending order using nested if statements.

Exercises (2)

- 5. Write script that asks for a digit and depending on the input shows the name of that digit(0-9) using a switch statement.
- 6. Write a script that enters the coefficients a, b and c of a quadratic equation

$$a*x^2 + b*x + c = 0$$

- and calculates and prints its real roots. Note that quadratic equations may have 0, 1 or 2 real roots.
- 7. Write a script that finds the greatest of given 5 variables.

Exercises (4)

8. Write a script that converts a number in the range [0...999] to a text corresponding to its English pronunciation. Examples:

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0 \rightarrow "Zero"
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273 → "Two hundred seventy three"

400 → "Four hundred"

501 -> "Five hundred and one"

711 → "Seven hundred and eleven"