

JQuery / Intro and Animations

Brainster Web Development Academy



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Exercise 01

Make 2 inputs type number. When the submit button is clicked, display the following information in a `<div>` under the inputs:

- The first number entered is “number”
- The second number entered is “number”
- “first number” + “second number” is “result”
- “first number” - “second number” is “result”
- “first number” * “second number” is “result”
- “first number” / “second number” is “result”
- Is the first number simple or complex
- Is the second number simple or complex



Exercise 02

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Make a square in the upper **left** corner with a background color red. When you hover with the cursor over it, the square should move to the upper **right** corner. When you hover with the cursor over it while it is in the upper right corner, the square should move back to the starting position (upper left corner).



Exercise 03

Create a simple input where a user can enter any type of character.

In your script, create a variable in which you will store a password.

Make a logic so that when a user enters a character in the input, the script will check if the character exists and is in the exact position in the password you stored in the variable.

If the entered character does not match that position in the password, reset the input and show the user how many correct characters they have so far in a `<div>` under the input.

If the user manages to guess the password, show them a "CONGRATULATIONS!" message in a `<div>` under the input.



Exercise 04

Shopping Cart:

Make a table as shown in the first image.

Add five random products to it of your choosing.

In the column “To Buy”, add an input type number for each row, so that the user can select the amount they want to buy.

As the user increases the amount they want to buy, the quantity of the product lowers dynamically.

When the user clicks on “Process payment”, another table appears, as show on the second image, with the products the user has chosen, their price individually, and their total price at the bottom.

Bonus: Make each product as an object.

#	Name	Price	Quantity	To Buy
1	Product 1	30\$	100	<input type="text" value="0"/>
2	Product 2	30\$	100	<input type="text" value="0"/>
3	Product 3	30\$	100	<input type="text" value="0"/>

Process payment

#	Name	Price	Quantity	To Buy
1	Product 1	30\$	98	<input type="text" value="2"/>
2	Product 2	30\$	97	<input type="text" value="3"/>
3	Product 3	30\$	100	<input type="text" value="0"/>

Process payment

Bill

#	Name	Price	Bought	Total
1	Product 1	30\$	2	60\$
2	Product 2	30\$	3	90\$

Total price: 150\$



Break a leg!

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If there is not enough time, try to finish the exercises at home.

