

Centro ¡Supérate! Fundación Provivienda

Computer Backend - JavaScript

Final Project – Seniors



Indications:

1. Every group have to choose 2 problems (minimum) to solve.
2. You should use Angular, JS, HTML, CSS.
3. Work in group of 2.
4. What have you learned these three years in Computer in ¡Supérate!? (200 words minimum).

Deliverables:

1. Github Repository Link in a word file. (Your repository should have all the project files).

Delivery Date:

December 1, 2021

Evaluation:

Graphic Interface	10%
Program Operation	40%
Computer Experiencie	20%
Github Repository	20%
Creativity	10%

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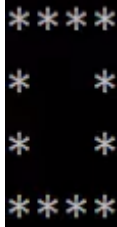
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Problems:

1. Multiply 2 numbers without using the multiplication sign.
2. Get the largest number in an array, but iterating the array only once.
3. Write a function that removes undefined, false, zeros, and nulls, but iterating the array only once.
4. Write a function that counts the number of times a word is repeated.
5. Write a function that checks if a string is a palindrome.
6. Given a text string, reverse the order of the characters. Do not use the language's own methods, only using control structures.
7. Write a function that paints a hollow square.



8. Create the following form:

FORMULARIO DE CONTACTO

NOMBRE	APELLIDOS
<input type="text"/>	<input type="text"/>
TELÉFONO	CORREO ELECTRÓNICO
<input type="text"/>	<input type="text"/>
¿ESTÁ INTERESADO EN?	
<input type="text"/>	
OBSERVACIONES	
<input type="text"/>	
<input type="button" value="ENVIAR"/>	
Su mensaje ha sido enviado con éxito	

- a. Create an HTML + CSS form following the sample image.
- b. The email field must have format validation; the data must have the format `jdoe@test.com`
- c. The name and email fields must be mandatory at the time of making the form submit.

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- d. Develop a script that reads the input data and returns an alert (alert ('content')) with all the data from the form fields.
- e. Show a message below the form with the result of the "submission"
 - i. If the required fields are filled, it should show "Message sent".
 - ii. If any of the required fields are empty, it should show "Error, check required fields".