

## JavaScript Menu Maker Instructions

A restaurant has hired you to create a function for their website that allows them to set a meal and price each morning for Today's Special. Use your knowledge of getters and setters to make sure anyone who uses the new function can generate a meal and a price for Today's Special without any embarrassing errors!

1	<b>Create the Menu Object</b> We'll hold the meal, price, and their respective getters and setters in an object named <code>menu</code> . In <code>app.js</code> , create an empty <code>menu</code> object.
2	The menu object will hold the meal and price of Today's Special as properties and they shouldn't be altered directly.  Within the <code>menu</code> object, create a <code>_meal</code> property with a value of an empty string (""). This will eventually hold the name of the meal.
3	Next, add a <code>_price</code> property with a value of 0. This will eventually hold the price of the meal, and should also not be altered directly.
4	We know properties that begin with <code>_</code> should not be directly manipulated. But just to validate this knowledge, let's test it out!  Below the <code>menu</code> object, directly manipulate the two properties by assigning <code>_meal</code> a number value and <code>_price</code> a string value.  Then, below the new assignments, <code>console.log()</code> the <code>menu</code> object to see how not type checking these values could cause confusion for a website visitor!
5	<b>Add Setter Methods</b>  To safely reassign the two <code>menu</code> properties, we can add setters that type check the values being assigned.  Below the properties, use the <code>set</code> keyword to create a <code>meal</code> setter method with <code>mealToCheck</code> as a parameter. Leave the function body empty for now.
6	In the body of the setter method, create an <code>if</code> statement that checks if <code>mealToCheck</code> is a string. If it is, return the object's <code>_meal</code> property with <code>mealToCheck</code> assigned as the value.
7	Utilising the same procedures as above, use the <code>set</code> keyword to create a <code>price</code> setter with <code>priceToCheck</code> as a parameter. This method should make sure the value associated with <code>_price</code> is always a number.
8	Below the <code>menu</code> object, set the values of <code>_meal</code> and <code>_price</code> using the newly created setter methods. Then, <code>console.log()</code> the <code>menu</code> object to check their functionality.
9	<b>Add a Getter Method</b>  Now it's time to safely return the values of the <code>_meal</code> and <code>_price</code> properties in a readable form. Instead of directly accessing the properties, we can use a getter method that proactively checks if a meal and price have been properly set, before returning the values.

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	<p>Below the setters, use the <code>get</code> keyword to create a <code>today'sSpecial</code> method. Leave the function body empty for now.</p>
10	<p>In the body of the getter, create an <code>if...else</code> statement to check if <code>_meal</code> and <code>_price</code> values exist (or are truthy values). If so, return a string telling potential website visitors what Today's Special is. For example: "Today's Special is Spaghetti for £5!"</p> <p>If <code>_meal</code> and <code>_price</code> values do not exist (or are falsy) return the string 'Meal or price was not set correctly!'.</p>
11	<p><b>Get Today's Special</b></p> <p>Finally, use the getter method to <code>console.log()</code> Today's Special.</p> <p>Assuming you used the <code>meal</code> setter to assign a string, and the <code>price</code> setter to assign a number in task 8, you should see Today's Special logged to the console.</p> <p>If you want to extend your learning on this project, try adding an array of meals and prices to randomly set and get Today's Special!</p>