JS Challenge Pt. 10

# Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Write Javascript code that accomplishes each task as shown. Use the following code for all prompts.

* Create a class called ‘Item’
  + The constructor method takes the arguments ‘name’, ‘quantity’, and ‘price’, and saves them as properties of this class

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* Create a class called ‘Order’
  + The constructor method takes the arguments ‘name’ and ‘date’, and saves them as properties of this class
  + It also creates the empty list property ‘items’, the properties ‘subtotal’, ‘tax’, and ‘total’ starting at 0, and the property ‘taxRate’ whose value is 0.06
  + Add a method called “calculate”. In this method, reset ‘subtotal’ to 0, loop through each item in this class’s ‘items’ array, and add the item’s price multiplied by the item’s quanity to ‘subtotal’. After, make ‘tax’ equal ‘subtotal’ multiplied by ‘taxRate’, and make ‘total’ equal ‘tax’ plus ‘subtotal’.
  + Add a method called ‘addItem’ that takes one Item class object as an argument, adds it to this class’s ‘items’ array, and calls this class’s ‘calculate’ method

(Write answer on back)

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Hi. How are you? How’s your week? That’s good.