**JavaScript foundations: Looping over objects**

**Instructions**

To complete this Practice problem, you will be writing two functions that will make use of accessing and looping over objects. When all tests are passing, you are done.

**Input**

Your input for both functions will be cart. It is an object that stores information about the quantity and price of each item in a cart. It will look something like this:

const cart = {

"Gold Round Sunglasses": { quantity: 1, priceInCents: 1000 },

"Pink Bucket Hat": { quantity: 2, priceInCents: 1260 },

};

**calculateCartTotal**

The calculateCartTotal function will take in the cart and return a total price, in cents, of everything inside of it.

For example:

calculateCartTotal(cart); *//> 3520*

There are two "Pink Bucket Hat" items in the cart and a single pair of "Gold Round Sunglasses", which total 3520 cents.

**printCartInventory**

The printCartInventory will take in the cart and return a string, joined by \n, of the quantity and name of each item.

For example:

printCartInventory(cart); *//> "1xGold Round Sunglasses\n2xPink Bucket Hat\n"*

**Note:** You may either include or exclude the final \n at the very end of the return value.

**Tips**

* You may complete this challenge on your own machine before uploading it to Qualified.
* Reference the related checkpoint for help on completing this Practice problem.
* If you need help, contact your mentor or speak with your peers in Slack.