JS Advanced - Exam

Problem 3. Unit Testing

Your Task

Using **Mocha** and **Chai** write **JS Unit Tests** to test a variable named **pizzUni**, which represents an object. You may use the following code as a template:

```js
describe("Tests …", function() {
    describe("TODO …", function() {

        it("TODO …", function() {
            // TODO: …
        });
    });

    // TODO: …
});
```

The object that should have the following functionality:

- **makeAnOrder(obj)** - A function that accepts an object:
  - the object includes {orderedPizza: 'the name of the pizza', orderedDrink: 'the name of the drink'}
  - the function checks if there are ordered pizza and a drink.
  - Then the function returns confirmation message for your order
- **getRemainingWork(statusArr)** - A function that accepts array:
  - the array should look like: [{pizzaName: 'the name of the pizza', status: 'ready' / 'preparing' }, ...]
  - the function checks the status of the order and returns a message with the order status
- **orderType(totalSum, typeOfOrder)** - A function that accepts two parameters (number, string):
  - the function first checks what is the type of the order ('Carry Out' , 'Delivery')
  - if the type of the order is 'Carry Out' you get 10% discount
  - then the function returns the total sum of the order

JS Code

To ease you in the process, you are provided with an implementation which meets all of the specification requirements for the **pizzUni** object:

pizza.js

```javascript
Let pizzUni = {
    makeAnOrder: function (obj) {

        if (!obj.orderedPizza) {
            throw new Error('You must order at least 1 Pizza to finish the order.');
        } else {
            Let result = `You just ordered ${obj.orderedPizza}`
            If (obj.orderedDrink) {
                Result += ` and ${obj.orderedDrink}.`
            }
            Return result;
        }
    },

    getRemainingWork: function (statusArr) {

        const remainingArr = statusArr.filter(s => s.status != 'ready');

        if (remainingArr.length > 0) {

            let pizzaNames = remainingArr.map(p => p.pizzaName).join(', ')
            let pizzasLeft = `The following pizzas are still preparing: ${pizzaNames}.`

            return pizzasLeft;
        } else {
            Return 'All orders are complete!'
        }

    },

    orderType: function (totalSum, typeOfOrder) {
        if (typeOfOrder === 'Carry Out') {
            totalSum -= totalSum * 0.1;

            return totalSum;
        } else if (typeOfOrder === 'Delivery') {

            Return totalSum;
        }
    }
}
```

Submission

Submit your tests inside a **`describe()`** statement, as shown above.