JWD Bites Inventory

Welcome team! Your **JWD Eatery** menu websites are making a buzz around their communities, so much that we have started branding and selling **JWD Bites** for **$3** per bag at all of our restaurants!
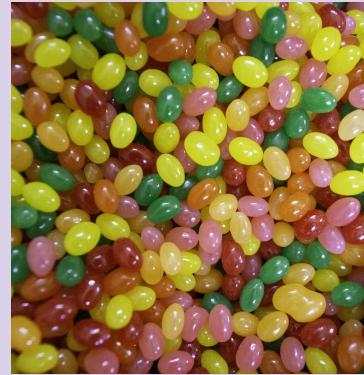

While this is great news, our **JWD Warehouse** is struggling to deliver the right amount of candy to the restaurants each morning. This is where your team comes in!
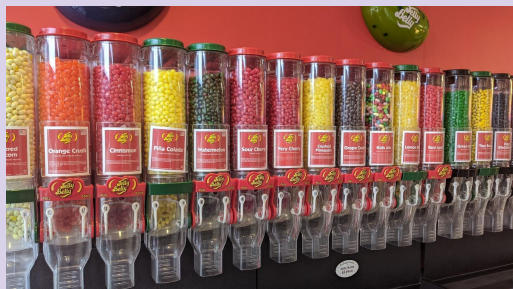
Before **JWD Eatery** restaurants open each morning, the warehouse delivers candy to each one, making sure each restaurant begins the day with 300 bags of the finest candy around, **JWD Bites**. To make this task easier, we will make an app for the **JWD Warehouse**.

At the end of every night, each **JWD Eatery** restaurant sends a count of their inventory to the **JWD Warehouse**. The warehouse determines how many bags of candy need to be delivered to the restaurants and how much it will cost to do so. If the restaurant sends a count of 100 remaining candy bags at night, then the warehouse will deliver 200 more bags in the morning at a cost of **$600**.

Please note that there are only 30 minutes each morning to deliver this candy before the restaurant opens. The warehouse will send a person to help unload the candy for every 100 bags on the order. The warehouse has a fee of **$25** per person when they are sent on deliveries. If a restaruant orders anywhere below 200 bags of candy, the warehouse will send 1 staff member on the delivery for a fee of **$25**. If a restaruant orders a minimum of 200 bags or more, but remains below 300 bags ordered, the warehouse will send 2 staff members on the delivery for a fee of **$50**. If a restaruant needs to completely restock to 300 bags, the warehouse will send 3 staff members on the delivery for a fee of **$75**.

To summarize your task, your app will take in ANY inventory count and determine how many items are needed to restock a **JWD Eatery** restaurant. With this information, your app will determine the number of people that will be sent to restock the bags of candy. After the number of items and number of required people have been calculated, your app

should be able to provide a total cost for the restaurant to have their shelves restocked with the world famous JWD Bites!

As a request from the warehouse staff, your app should log this information to the console in a way that is easily readable by the staff.

Example:

*"This **JWD Eatery** restaurant has an inventory count of 100, out of 300 candy bags. They will need to restock 200 items. This will take 2 people to restock the candy. The total cost will be $650 for this delivery."*

JavaScript Requirements

- ☐ Log your team member names

- ☐ Store and log the cost of the candy per bag (see above scenario)

- ☐ Store and log the inventory count supplied from warehouse (test with different numbers to make sure your app works correctly)

- ☐ Store and log the inventory limit that the restaurant can store (see above scenario)

- ☐ Store and log how many items the warehouse will need to restock using arithmetic
  - ☐ If the number of items to restock is below 200 bags, set a variable to 1 and use the variable in the expression in the switch statement below
  - ☐ Else, if the number of items to restock is anywhere from 200 bags, but below 300 bags, set a variable to 2 and use the variable in the expression in the switch statement below
  - ☐ Else, if the number of items to restock is 300 bags or above, set a variable to 3 and use the variable in the switch statement below

☐ Create a switch statement with 3 cases:

    ☐ Case 1: Log "This will take 1 staff member to restock the candy." to console, store and log the cost of the staff member

    ☐ Case 2: Log "This will take 2 staff members to restock the candy." to console, store and log the cost of the staff members

    ☐ Case 3: Log "This will take 3 staff members to restock the candy." to console, store and log the cost of the staff member

☐ Store and log the cost of the items to be restocked by the warehouse, including the cost of warehouse staff members needed to restock the shelves

☐ Finally, log all information to be sent to the warehouse, make sure it is in a way that is easily readable by the staff

Bonus Requirements

☐ Add the following message to display on the console: **Have a "SWEET" day!**
You will need to use the [Escape Character](#)

If you need more support in your learning, please check out the following from [w3schools.com](#) (you may not need all links below):

- [JavaScript Data Types](#)
- [JS Comments](#)
- [JS Arithmetic](#)
- [JS Operators](#)
- [JS Comparisons](#)
- [JS Variables](#)
- [JS Let](#)
- [JS Const](#)
- [JS Random](#)
- [JS Conditions](#)
- [JS Switch](#)
- [Codecademy Cheat Sheet](#)

Team 1	Team 2	Team 3
Asia	Ado	Eshetu
Christian T.	Anna	Hawase
Getahun	Jessica	Jalil
Hamza	Kazi	Justin
Martin	Issa	Kanagaraj
Maxine	Sophie	Sathi
Shelia	Victoria	Tagese

Team 4	Team 5	Team 6
Cristian B.	Ariel	Cathy
Gaoussou	Freweini	Jeff
Meishka	Jo	Kal
Melvin	Kaelah	Maya
Natalie	Miguel	Mustafa
Tsion	Nathan	Shery
Vincent	Nestanet	Sydney
	Zelalem	Habiba