Griffin Code Challenge

Challenge:

You have been tasked with developing a small order calculation module for company XYZ. XYZ provides discounts on order line items with quantities over 10 items. Your module must correctly calculate the total order cost, each line item cost, and include any line item discounts.

Requirements:

* Please write solution in either vanilla **JavaScript**
* Please make solution public on either **GitHub** or **Bitbucket**
* Orders must be calculated correctly
* Application needs to accept a list of line items with Product ID, Quantity, and Price
* Calculate totals for all line items
* Calculate any discounts for line items
* Calculate totals for all line items including discounts
* Calculate grand total of order
* Calculate grand total of order including discounts
* Clearly print out the above calculated totals
* Discounts:
  + 10 - 25 items: 10 cents off
  + 25 - 50 items: 25 cents off
  + 50+ items: 50 cents off

Example:

Customer ABC orders:

* 5 items of Product ID 1 @ $1 per item
* 12 items of Product ID 2 @ $3 per item
* 50 items of Product ID 3 @ $5 per item

Customer ABC order calculation:

* 5 \* $1 = $5 (no discounts)
* 12 \* $3 = $36 (total); 12 \* .25 = $3 (discount); $36 - $3 = $33 (total with discount);
* 50 \* $5 = $250 (total); 50 \* .5 = $25 (discount); $250 - $25 = $225 (total with discount);
* Grand Total = $5 + $36 + $250 = $291
* Grand Total with discounts = $5 + $33 + $225 = $263