DG8002 - A3

Interactive webpage using Javascript - Report

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CHALLENGES:

1. While doing the first task, I faced an issue where upon hovering on the first album (be it any from the list), the mouseover and mouseout events worked fine and displayed the album description. However, the following triggers to the mouseover and mouseout events with respect to the other albums resulted in the mouseout event replacing the album name and description with the content of the first album triggered. I realised that I was using a single = operator in the if condition and upon changing it, the first task executed as it was supposed to.

2. For the 2nd task, I repeatedly got [object unidentified] upon adding an album to the cart in the paragraph tag with the total cart amount. I realised that I was incorrectly using the toString() function. I was replacing the text content like this "xyz.textContent=toString(amount)". Upon changing it to "xyz.textContent=amount.toString()" which is the correct use of the toString() function, the code started working properly.

3. For the 3rd task, I first used a text input to enter the amount and realised that I had to use a number input instead. Even after entering the right amount, I kept getting the incorrect amount text in the result paragraph tag. After multiple changes like creating the variables required for the calculations both inside and outside the conditional blocks to troubleshoot the error, it suddenly struck me that the number input type may have a different way to retrieve its content. I looked it up online and realized that javascript has a .value property to get the value of a number input type and I replaced it with the .textContent property and the code finally worked.