1. Briefly describe the artifact. What is it? When was it created?
   1. The artifact is a promo code checker that I was working on in the past for a clients business, It was created about a month ago.
2. Justify the inclusion of the artifact in your ePortfolio. Why did you select this item? What specific components of the artifact showcase your skills and abilities in algorithms and data structure? How was the artifact improved?
   1. The artifact was selected because I thought that it was interesting to work on and it was not working as intended as the time I presented it to the client. The promo code checker was working but only to a certain extent. It could not fully check the codes, and it could not depict codes that were working or not. I wanted to use this article to show that I can fix the algorithm and have it work correctly.
   2. The artifact was enhanced by being slightly redone to work better. The artifact now correctly imports a list of codes, checks the codes, and marks them valid or invalid. It also includes an option to export these codes.
3. Did you meet the course outcomes you planned to meet with this enhancement in Module One? Do you have any updates to your outcome-coverage plans?
   1. I felt like I met the outcomes. I wanted to be able to work on a project that I had trouble with in the past and show that I could figure out what was broken and fix it for the client. I think overall the client could use the updated code in order to run their business more efficiently. I think they will be happy with what I did and I am honestly happy as well.
4. Reflect on the process of enhancing and modifying the artifact. What did you learn as you were creating it and improving it? What challenges did you face?
   1. I learned that websites are a bit tricky with hidden elements. I think that having the promo code checks for elements that could mean a valid or invalid code. I made the artifact check for those messages and give it the right elements to find while checking these codes. The challenge I faced before was not being able to change the algorithm without messing up the whole code. I felt like everything I was doing was creating a bigger problem in the end. I figured that I had the time and resources this time to adapt and fix the issues for the client.