Checkpoint Sorting and searching algorithms

Implementation of **Insertion Sort** using JavaScript:

**Insertion sort** is a simple sorting algorithm that works the way we sort playing cards in our hands. Each time we take a new card we put it in the right place in our hand.

**Instructions**

1. Each time work only with the first i-1 element from of the array
2. Pick **element arr[i] and insert it into sorted sequence in the array from 0 to i-1.**

Bottom of Form

Use your GitHub account to push the link in a new repository with the name of the checkpoint

Note: Once your instructor approved the checkpoint, you will no longer be able to change the link.

Helpful Resources

Evaluation Specifics

**How We'll Evaluate**

Your checkpoint will be evaluated based on these criteria, each rated from 0 to 5.

What We're Looking For

Use of 2 counters

GitHub repository with Readme file filled

Documentation & Clarity of the code

Checkpoint Assessment

* Your Tech Skills
* Quality of Work
* Problem-Solving Skills
* Deadline Alert: (0 score if missed)

This program performs insertion sorting of array of numbers in ascending order.

A recap of the algorithm is as follows:

Declaration of variables, key and count as length of array submitted

Two loops with one inside the other

The outer loops through the array and pick up each array item for checking

The inner loop compares the selected item with each of the sorted part of the array and fixes it where it fits it where it suits

By the end of the loops, all the items must have been sorted, and the array is returned back.