

Version 1.1, 10/13/23

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## Introduction

This assessment gauges your understanding of fundamental JavaScript concepts and your ability to apply these concepts in a practical manner. While you are encouraged to be creative with your projects and implementations, keep in mind the specific topics that you are required to demonstrate understanding of, and make sure your project incorporates them appropriately.

This assessment has a total duration of **two (2) days**. This is a **take-home assessment**.

You have **two total days** (including weekends and holidays) to work on this assessment. This assessment will be due at **5:00pm** on the second day after it is assigned. Your instructor may provide you with class time to work on the assessment, schedule permitting.

## Objectives

- Employ basic JavaScript syntax accurately.
- Implement control flow structures such as conditionals and loops effectively.
- Use arrays and objects to organize and manage data.
- Develop functions to create reusable code.
- Utilize loops and iteration to navigate through data collections.
- Implement error handling to manage potential code failures gracefully.

## Submission

Submit the link to your completed assessment using the **Start Assignment** button on the Assignment page in Canvas.

Your submission should include:

- A GitHub link to your completed project repository.

## Instructions

You will create a script that gathers data, processes it, and then outputs a consistent result as described by a specification. This is a very typical situation in industry, and this particular scenario