

BEE 4750 Homework 1: Introduction to Using Julia

Due Date

Friday, 9/8/23, 9:00pm

Overview

Instructions

- Problems 1-3 consist of a series of code snippets for you to interpret and debug. For Problems 1 and 2, you will be asked to identify relevant error(s) and fix the code. For Problem 3, the code works as intended; your goal is to identify the code's purpose by following its logic.
- Problem 4 asks you to convert a verbal description of a wastewater treatment system into a Julia function, and then to use that function to explore the impact of different wastewater allocation strategies.

Load Environment

The following code loads the environment and makes sure all needed packages are installed. This should be at the start of most Julia scripts.

Problems (Total: 100 Points)

Problem 1 (20 points)

You've been tasked with writing code to identify the minimum value in an array. You cannot use a predefined function. Your colleague suggested the function below, but it does not return the minimum value.