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Foundations of Programming: Python
EmployeeRatings_README

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Purpose

This application displays and collects employee rating data with the employee's full name, date of review and review rating. It handles errors during user input, such as numbers in names or a review date in the future. It also provides audible feedback to the user to indicate successful actions and errors.

Upon starting, the application displays a Welcome message followed by a menu of choices. After the user makes a selection, the application will either display another opportunity for input (1), display the existing data in the JSON file (2), save the data back to the JSON file (3), or exit the program (4).

Common errors

- ✕ Names cannot contain numeric characters
- ✕ Review dates cannot be in the future
- ✕ A review rating cannot be lower than 1 or higher than 5; and it must be a whole number

Files

File name	Purpose
main.py	Main python file to run to start the application.
data_classes.py	Data classes Person and Employee, which are imported by main.py
processing_classes.py	Classes and functions to Read and Write from a JSON file
presentation_classes.py	Welcome and Exit strings, plus functions to get user input, display data, display error messages, sort employee data, display menu of options
All .mp3 files	Used on start-up, exit, errors, successfully writing new data, and successfully updating JSON file
EmployeeRatings.json	JSON file holding all Employee Rating data

Other notes

Running in the Terminal gives the end user the best experience because of the different text formatting.