Evaluation and Summary

How the code work

1-Display friendly welcome message

2-user select an option:
- Add Scores (1)
- Search for Scores (2)
- Update Scores (3)
- Exit the Program (4)

If you want to add scores, choose option 1. You will be prompted to enter a name and a score. Make sure the name is unique, the score is positive, and both inputs are filled. Entries will be sorted in descending order before being added to the file. While conditions false nothing add to the file

To search for scores, select option 2. Enter a name, and if it's found, the corresponding score line will be displayed. If not, a message will indicate that the name was not found.

Option 3 is for updating scores. You'll be asked to enter a name to update its score with sorted the scores. Ensure the name is unique, the score is positive, and both inputs are filled. Relevant messages will guide you through the process. while conditions false nothing add to the file

If you wish to exit the program, choose option 4. A bye message will be displayed, and the program will terminate.

If you enter anything other than the specified options, you'll receive a message indicating invalid input, and you'll be returned to the option list.

Improvement and evaluation

Use dictionaries : using dictionaries offers a convenient way to manage scores, enabling easy access, updates, and searches, and the advantage duplication not allowed in dictionaries.

Additional functions : The code contains repeated conditions that could be add into functions which reducing duplication of conditions and improving readability across various sections of the code.

Message display: Message for both existing name and negative number is preferred, but it shows for existing names and positive numbers that there are duplicate name.

Long names: Arrange signs below names consistently for easy readability, regardless of name length.