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| Input | Processing | Output |
| * Player last names and their batting averages * User input for a last name to search | * Read player names and batting averages from a file and store them in parallel arrays * Write a function to display player names and their batting averages * Use a while loop to repeatedly prompt the user for a last name * Write a function to search for the input name in the array * If the name is found, display the players last name and batting average | * Player names and batting averages displayed |