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| Input | Processing | Output |
| * File containing 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 all 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 * If the name is not found, display “name not found” | * Player names and batting averages displayed * If a player is found: their last name and batting average * If a player is not found: a message stating “Name not found” |