

Writing to CSV Files

Writing to CSV file:

```
import csv

file_path = 'output.csv'

data_to_write = [
    ['Name', 'Age', 'Country'],
    ['John', '25', 'USA'],
    ['Alice', '30', 'UK']
]

with open(file_path, 'w', newline='') as file:
    writer = csv.writer(file)
    writer.writerows(data_to_write)
    print(f"Data written to {file_path}")
```

- **Explanation:**

- The `import csv` statement imports the Python CSV module, which provides functions to read from and write to CSV files.
- `file_path = 'output.csv'` specifies the path for the output CSV file.
- `data_to_write` is a list of lists containing the data to be written to the CSV file. The first list represents the header row, and subsequent lists represent the data rows.
- The `open()` function is used to open the file specified by `file_path` in write mode ('w'). The `newline=""` argument is added to ensure that no extra newline characters are inserted between rows.
- `csv.writer(file)` creates a CSV writer object that writes data to the specified file.
- `writer.writerows(data_to_write)` writes the entire list of rows (`data_to_write`) to the CSV file.
- Finally, a message confirming that the data has been written to the CSV file is printed using `print(f"Data written to {file_path}")`.

