

Python Program: Importing and Exporting CSV Data

Code

```
import csv

# Importing Data from input.csv
def import_data(filename):
    data = []
    with open(filename, newline='') as csvfile:
        reader = csv.DictReader(csvfile)
        for row in reader:
            data.append(row)
    return data

# Exporting Data to output.csv
def export_data(filename, data):
    if not data:
        print("No data to export.")
        return
    with open(filename, mode='w', newline='') as csvfile:
        fieldnames = data[0].keys()
        writer = csv.DictWriter(csvfile, fieldnames=fieldnames)
        writer.writeheader()
        for row in data:
            writer.writerow(row)

# Main Program
input_file = 'input.csv'
output_file = 'output.csv'

data = import_data(input_file)
print("Imported Data:")
for row in data:
    print(row)

export_data(output_file, data)
print(f"Data has been exported to '{output_file}' successfully.")
```

Sample input.csv File

```
Name,Age,Country
Alice,30,USA
Bob,25,Canada
Charlie,35,UK
```

Sample Output in Console

Imported Data:

```
{'Name': 'Alice', 'Age': '30', 'Country': 'USA'}
```

```
{'Name': 'Bob', 'Age': '25', 'Country': 'Canada'}
```

```
{'Name': 'Charlie', 'Age': '35', 'Country': 'UK'}
```

Data has been exported to 'output.csv' successfully.

Sample output.csv File

Name,Age,Country

Alice,30,USA

Bob,25,Canada

Charlie,35,UK