

## 1 Lab. Using CSV File in Python

### 1. pandas를 이용한 CSV file 처리

```
4 pip install pandas
5 import pandas as pd
6
7 input_file = 'supplier_data.csv'
8 output_file = 'output.csv'
9
10 data_frame = pd.read_csv(input_file)
11 print(data_frame)
12 data_frame.to_csv(output_file, index=False)
```

### 2. csv module을 사용한 기본 python 코드

```
15 import csv
16
17
18 input_file = 'supplier_data.csv'
19 output_file = 'output2.csv'
20
21 with open(input_file, 'r', newline='') as csv_in_file:
22     with open(output_file, 'w', newline='') as csv_out_file:
23         filereader = csv.reader(csv_in_file, delimiter=',')
24         filewriter = csv.writer(csv_out_file, delimiter=',')
25         for row_list in filereader:
26             print(row_list)
27             filewriter.writerow(row_list)
```