

# 201600779 김영민



## Lab1.1

In [1]:

```
import pandas as pd
```

In [2]:

```
fruit = ['apple', 'orange', 'banana']
name = ['jo', 'kim', 'lee']
alpha = ['a', 'b', 'c']
final_ls = fruit + name + alpha
for i,j in enumerate(final_ls):
    print(f'{i}:{j}')
df = pd.DataFrame()
df['values'] = final_ls
df.to_csv('lab1_1.csv', index=False)
final_df = pd.read_csv('lab1_1.csv')
final_df
```

```
0:apple
1:orange
2:banana
3:jo
4:kim
5:lee
6:a
7:b
8:c
```

Out[2]:

	values
0	apple
1	orange
2	banana
3	jo
4	kim
5	lee
6	a
7	b
8	c

## Lab1.2

In [3]:

```
ls1 = ['a', 'b', 'c']  
ls2 = [1, 2, 3]  
dic = {}  
for k, v in zip(ls1, ls2):  
    if k not in dic.keys():  
        dic[k] = v  
    else:  
        print('In already')  
print(dic)
```

```
{'a': 1, 'b': 2, 'c': 3}
```

## 201600779 김영민