

## 2013-11086 김찬규 과제 3

In [1]:

```
import numpy as np
import pandas as pd
from sklearn.naive_bayes import BernoulliNB
```

In [2]:

```
df = pd.read_csv("data/market.csv")
df.head()
```

Out[2]:

	Code	price	join	credit	FraudOrNot
0	EX01	0	0	0	0
1	EX02	0	0	1	0
2	EX03	0	1	1	0
3	EX04	1	0	0	0
4	EX05	1	0	0	0

In [3]:

```
df_x = df[["price", "join", "credit"]]
df_y = df["FraudOrNot"]
```

In [4]:

```
NB = BernoulliNB()
NB.fit(df_x, df_y)
```

Out[4]:

```
BernoulliNB(alpha=1.0, binarize=0.0, class_prior=None, fit_prior=True)
```

In [5]:

```
NB.predict([[1, 1, 0]])
```

Out[5]:

```
array([0])
```

(1) 코드 참조.

(2) 사기 거래가 아닌 것으로 예측된다.

In [ ]: