

비주얼프로그래밍

numpy_1.py U numpy_2.py U pands_1.py U × pands_2.py U pands_1.py U

```
20231205 > pands_1.py > ...
1 import pandas as pd
2
3 filename = "titanic.csv"
4 read_csv = pd.read_csv(filename)
5
6 print(read_csv.describe())
7
```

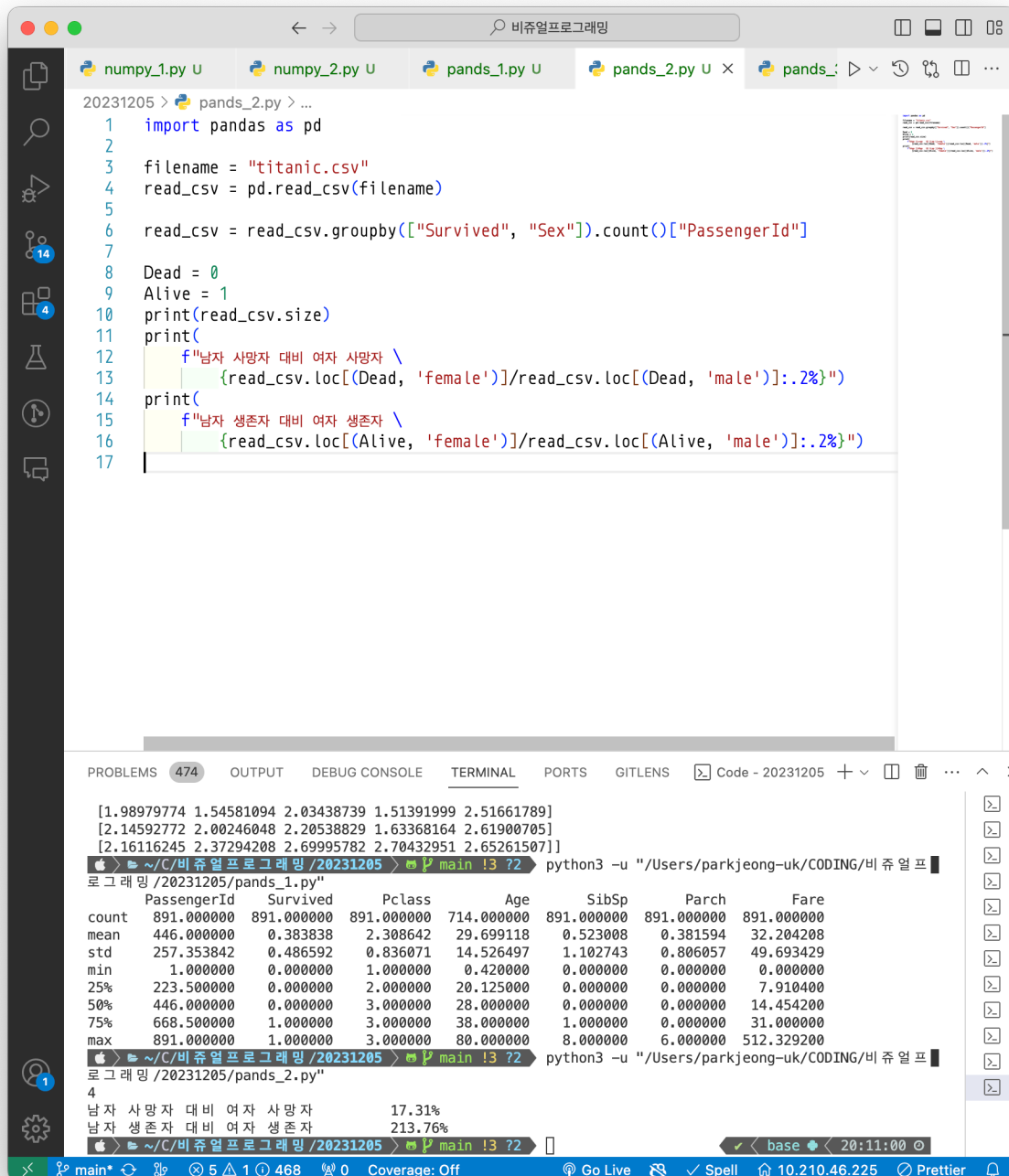
PROBLEMS 474 OUTPUT DEBUG CONSOLE TERMINAL PORTS GITLENS Code - 20231205

```
[2.]]
~/C/비주얼프로그래밍/20231205 > main !3 ?2 python3 -u "/Users/parkjeong-uk/CODING/비주얼프로그래밍/20231205/20231205/20231205/numpy_2.py"
[[1.89480549 1.09743307 1.73175497 0.96540907 1.61253954]
 [1.96424164 1.49957078 2.01187699 1.21851752 2.28788697]
 [1.98979774 1.54581094 2.03438739 1.51391999 2.51661789]
 [2.14592772 2.00246048 2.20538829 1.63368164 2.61900705]
 [2.16116245 2.37294208 2.69995782 2.70432951 2.65261507]]

~/C/비주얼프로그래밍/20231205 > main !3 ?2 python3 -u "/Users/parkjeong-uk/CODING/비주얼프로그래밍/20231205/20231205/20231205/pands_1.py"
PassengerId  Survived  Pclass  Age  SibSp  Parch  Fare
count  891.000000  891.000000  891.000000  714.000000  891.000000  891.000000  891.000000
mean  446.000000  0.383838  2.308642  29.699118  0.523008  0.381594  32.204208
std  257.353842  0.486592  0.836071  14.526497  1.102743  0.806057  49.693429
min  1.000000  0.000000  1.000000  0.420000  0.000000  0.000000  0.000000
25%  223.500000  0.000000  2.000000  20.125000  0.000000  0.000000  7.910400
50%  446.000000  0.000000  3.000000  28.000000  0.000000  0.000000  14.454200
75%  668.500000  1.000000  3.000000  38.000000  1.000000  0.000000  31.000000
max  891.000000  1.000000  3.000000  80.000000  8.000000  6.000000  512.329200

~/C/비주얼프로그래밍/20231205 > main !3 ?2
```

main* 5 1 468 0 Coverage: Off Go Live Spell 10.210.46.225 Prettier



비주얼프로그래밍

pands_1.py U pands_2.py U pands_3.py U X pands_4.py U pi ▶ 🔍 📄 ...

```
20231205 > pands_3.py > ...
1 import numpy as np
2 import pandas as pd
3
4 filename = "titanic.csv"
5 read_csv = pd.read_csv(filename)
6 read_csv = read_csv[["Survived", "Age"]].dropna() "dropna": Unknown word.
7 read_csv["Age-band"] = np.floor(read_csv["Age"]/10)*10
8 read_csv = read_csv.astype({"Age-band": int}) "astype": Unknown word.
9 read_csv = read_csv.groupby(["Age-band"]).count()["Survived"]
10 print(read_csv)
11
```

PROBLEMS 474 OUTPUT DEBUG CONSOLE TERMINAL PORTS GITLENS Code - 20231205 + - 🗑 ... ^ X

```
max      891.000000    1.000000    3.000000    80.000000    8.000000    6.000000    512.329200
~/C/비주얼프로그래밍/20231205 > main 13 72 python3 -u "/Users/parkjeong-uk/CODING/비주얼프로그래밍/20231205/pands_2.py"
4
남자 사망자 대비 여자 사망자      17.31%
남자 생존자 대비 여자 생존자      213.76%
~/C/비주얼프로그래밍/20231205 > main 13 72 python3 -u "/Users/parkjeong-uk/CODING/비주얼프로그래밍/20231205/pands_3.py"
Age-band
0      62
10     102
20     220
30     167
40      89
50      48
60      19
70       6
80       1
Name: Survived, dtype: int64
~/C/비주얼프로그래밍/20231205 > main 13 72
```

main* 🔍 5 ⚠ 1 📄 468 🗑 0 Coverage: Off Go Live 📄 2 Spell 🏠 10.210.46.225 🔄 Prettier 🔔

