1.1.4 멜론, 벅스, 지니 크롤링 엑셀 파일 통합하기

[1]:

```
# 크롤링 결과가 담긴 엑셀 파일 통합하기
import pandas as pd
excel_names = ['./files/melon.xlsx', './files/bugs.xlsx', './files/ger

appended_data = pd.DataFrame()
for name in excel_names:
    pd_data = pd.read_excel(name)
    appended_data = appended_data.append(pd_data)
```

```
C:\Users\student\AppData\Local\Temp\ipykernel_7964\3108675736.p
y:8: FutureWarning: The frame.append method is deprecated and wi
ll be removed from pandas in a future version. Use pandas.concat
instead.
  appended_data = appended_data.append(pd_data)
C:\Users\student\AppData\Local\Temp\ipykernel_7964\3108675736.p
y:8: FutureWarning: The frame.append method is deprecated and wi
ll be removed from pandas in a future version. Use pandas.concat
instead.
  appended_data = appended_data.append(pd_data)
C:\Users\student\AppData\Local\Temp\ipykernel_7964\3108675736.p
y:8: FutureWarning: The frame.append method is deprecated and wi
ll be removed from pandas in a future version. Use pandas.concat
instead.
  appended_data = appended_data.append(pd_data)
```

[2]:

```
# 크롤링 결과 확인하기
appended_data.info()
```

```
<class 'pandas.core.frame.DataFrame'>
Int64Index: 250 entries, 0 to 49
Data columns (total 4 columns):
 #   Column  Non-Null Count  Dtype
---  ------  --------------  -----
 0   서비스     250 non-null    object
 1   순위      250 non-null    int64
 2   타이틀     250 non-null    object
 3   가수      250 non-null    object
dtypes: int64(1), object(3)
memory usage: 9.8+ KB
```

[3]:

```
# 통합한 크롤링 결과를 엑셀 파일로 저장하기
appended_data.to_excel('./files/total.xlsx', index=False)
```

[ ]:

```

```