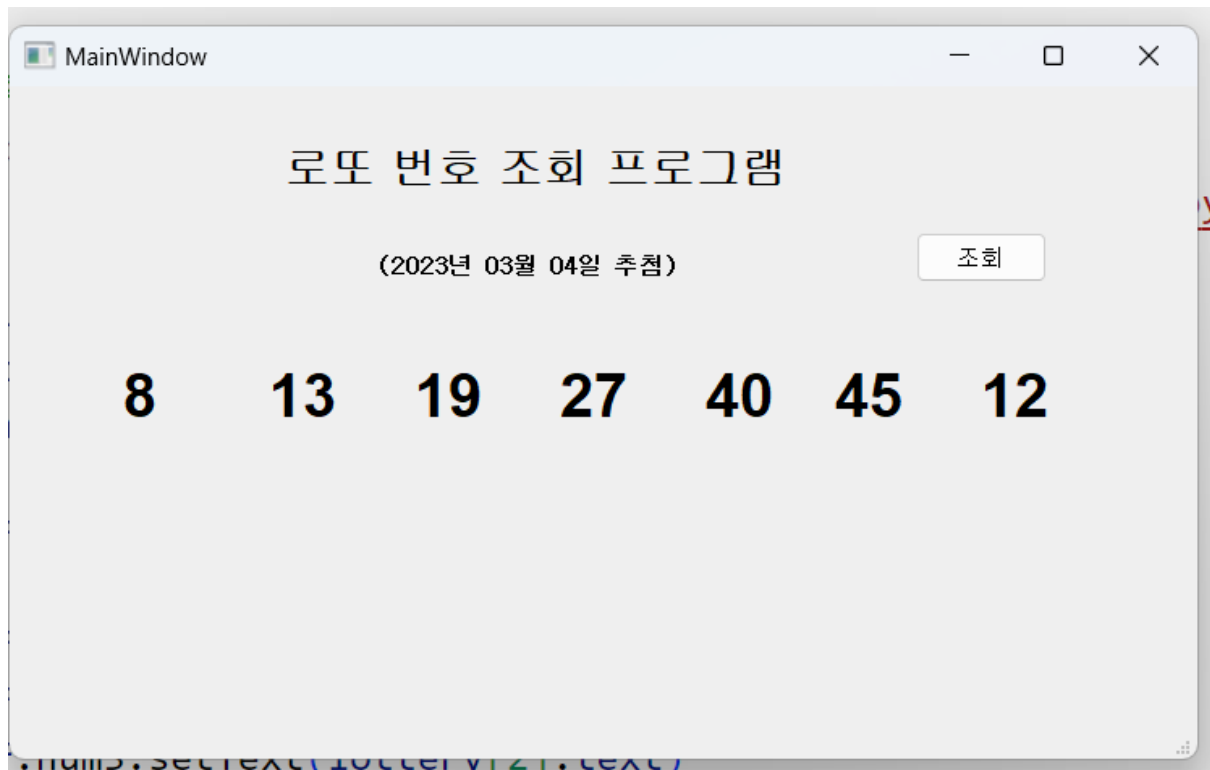# 230308 파이썬 로또 번호 조회

로또 번호 조회 프로그램


```python
# 로또 번호 조회 앱

# 윈도우 기본창 띄우기

import requests
import sys
from PyQt5.QtWidgets import *
from PyQt5 import uic
from bs4 import BeautifulSoup as bs

form_class = uic.loadUiType("lotto.ui")[0]

class MyWindow(QMainWindow, form_class):

    def __init__(self):
        super().__init__()
        self.setupUi(self)

        # 단추를 누르면
```

```python
        self.pushButton.clicked.connect(self.btnclicked)

        # 조회 후 칸에 출력
    def btnclicked(self):
        url = "https://dhlottery.co.kr/gameResult.do?method=byWin"
        txt = requests.get(url) # 웹페이지 그냥 긁자로 읽어오기
        html = bs(txt.text) # 읽어온 글자를 의미가 있는 bs로 html 변환
        lottery = html.select('span.ball_645')
        when = html.select('p.desc')[0].text
        nums = html.select('h4')[0].text

        self.date_label.setText(nums)
        self.date_label_2.setText(when)

        self.num1.setText(lottery[0].text)
        self.num2.setText(lottery[1].text)
        self.num3.setText(lottery[2].text)
        self.num4.setText(lottery[3].text)
        self.num5.setText(lottery[4].text)
        self.num6.setText(lottery[5].text)
        self.num7.setText(lottery[6].text)

app = QApplication(sys.argv)
window = MyWindow()
window.show()
app.exec_()
```
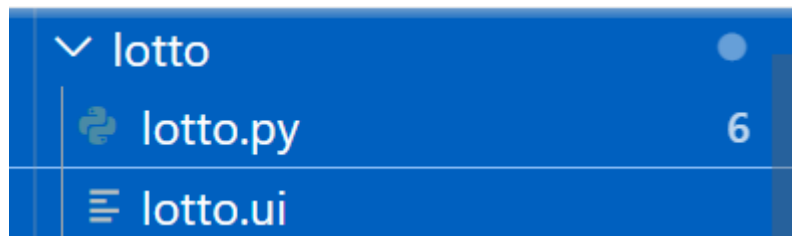

윈도우 앱으로 변환

Pyinstaller

```
pip install pyinstaller
```

```
(base) C:\Users\user>pip install pyinstaller
Collecting pyinstaller
  Downloading pyinstaller-5.8.0-py3-none-win_amd64.whl (1.3 MB)
                                                1.3/1.3 MB 1.1 MB/s eta 0:00:00
Collecting pyinstaller-hooks-contrib>=2021.4
  Downloading pyinstaller_hooks_contrib-2023.0-py2.py3-none-any.whl (255 kB)
                                                255.7/255.7 kB 2.3 MB/s eta 0:00:00
Collecting altgraph
  Downloading altgraph-0.17.3-py2.py3-none-any.whl (21 kB)
Requirement already satisfied: pywin32-ctypes>=0.2.0 in c:\users\user\anaconda3\lib\site-pac
ler) (0.2.0)
Requirement already satisfied: setuptools>=42.0.0 in c:\users\user\anaconda3\lib\site-packag
) (63.4.1)
Collecting pefile>=2022.5.30
  Downloading pefile-2023.2.7-py3-none-any.whl (71 kB)
                                                71.8/71.8 kB 3.8 MB/s eta 0:00:00
```

설치 후 해당 폴더로 이동해서

```
(base) C:\Users\user>cd C:\develop\pythonadv202303\Crawling\lotto

(base) C:\develop\pythonadv202303\Crawling\lotto>
```

```
pyinstaller -w -F lotto.py
```


-w : 콘솔창 안뜨게

-F : 파일 수를 최소