

#### 플라스크

- 플라스크(Flask)는 오스트리아의 오픈소스 개발자 아민 로나허(Armin Ronacher)가 만든 파이썬 웹 프레임워크
- 플라스크는 마이크로 프레임워크(Microframework)
  - 핵심기능만 간결하게 유지하고 확장이 가능하도록 다양한 기능을 지원
- 플라스크와 장고(Django)는 파이썬 웹 프레임워크의 양대 산맥
- https://flask-docs-kr.readthedocs.io/ko/latest/



- 파이썬 프로젝트를 진행할 때 독립된 환경 도구
- 파이썬 버전 혹은 라이브러리 버전에 따른 프로젝트 환경 구성
  - (예) 파이썬 2.7, 파이썬 3.8

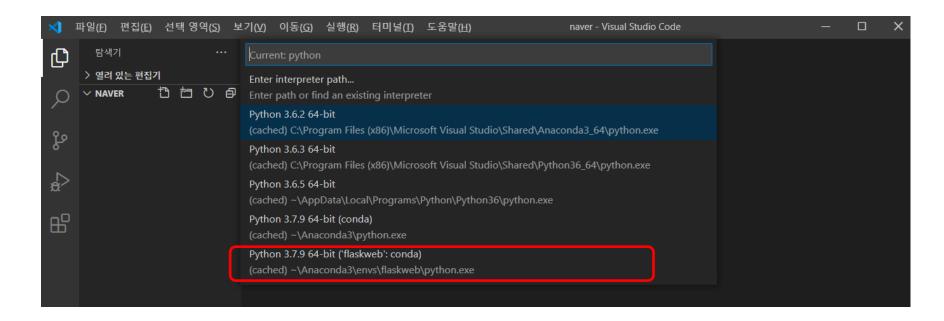
- Anaconda Prompt(Anaconda3) 선택
- 가상환경(Virtual Env)생성

```
(base) G:\python_workspace> mkdir venvs
(base) G:\python_workspace> cd venvs
(base) G:\python_workspace\venvs> python -m venv flaskweb
(base) G:\python_workspace\venvs> cd flaskweb
(base) G:\python_workspace\venvs\flaskweb> cd Scripts
(base) G:\python_workspace\venvs\flaskweb\Scripts>activate
(flaskweb) (base) G:\python_workspace\venvs\flaskweb\Scripts> conda
install Flask
--- 생략 ---
Proceed ([y]/n)? (Enter)
Preparing transaction: done
Verifying transaction: done
Executing transaction: done
```

#### 프로젝트 경로 생성

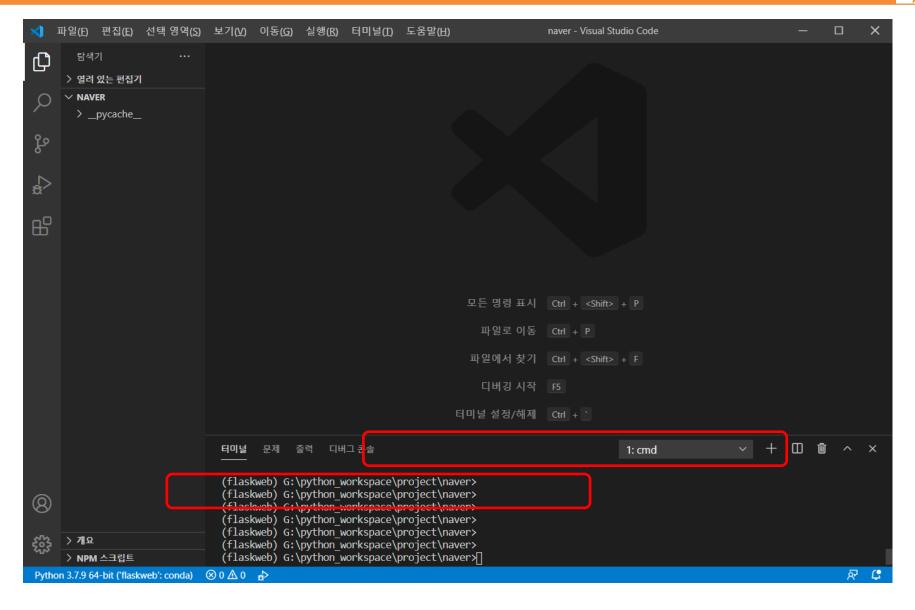
(base) G:\python\_workspace>mkdir porject

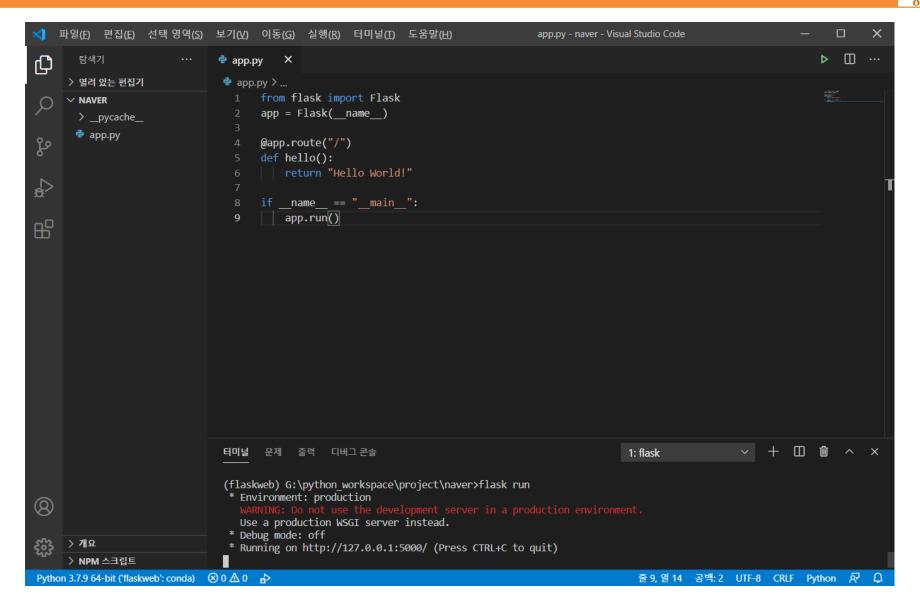
```
(base) G:\python_workspace>mkdir project
(base) G:\python_workspace>cd project
(base) G:\python_workspace\project>G:\python_workspace\venvs\flaskweb\Scripts\activate
(flaskweb) (base) G:\python_workspace\project>mkdir naver
(flaskweb) (base) G:\python_workspace\project>cd naver
(flaskweb) (base) G:\python_workspace\project\cd naver
(flaskweb) (base) G:\python_workspace\project\naver>
```



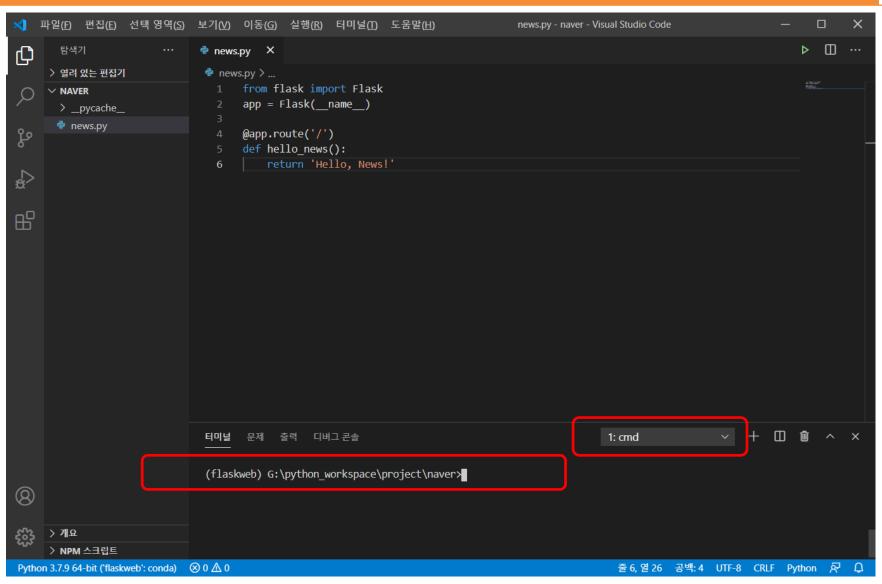


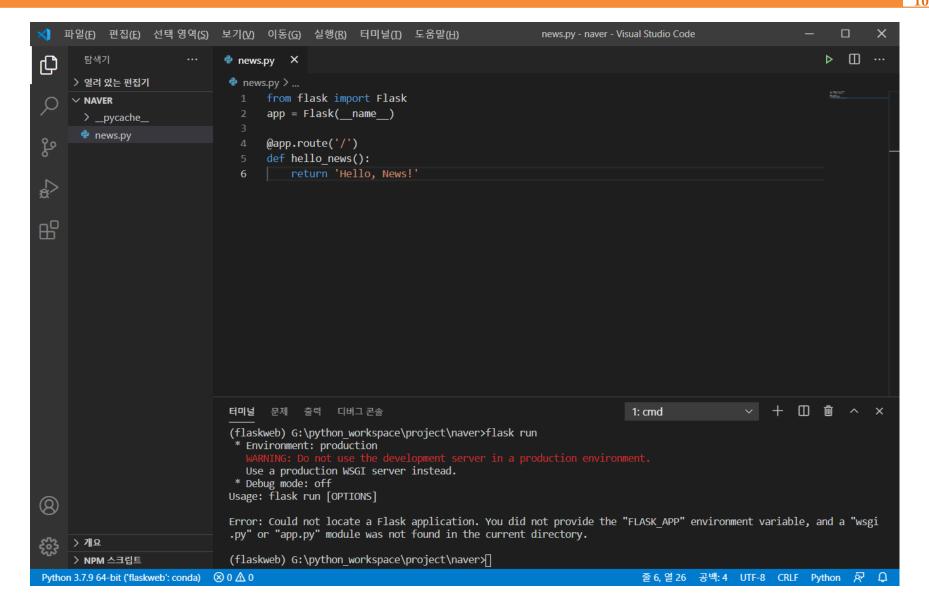
#### 환경셋팅



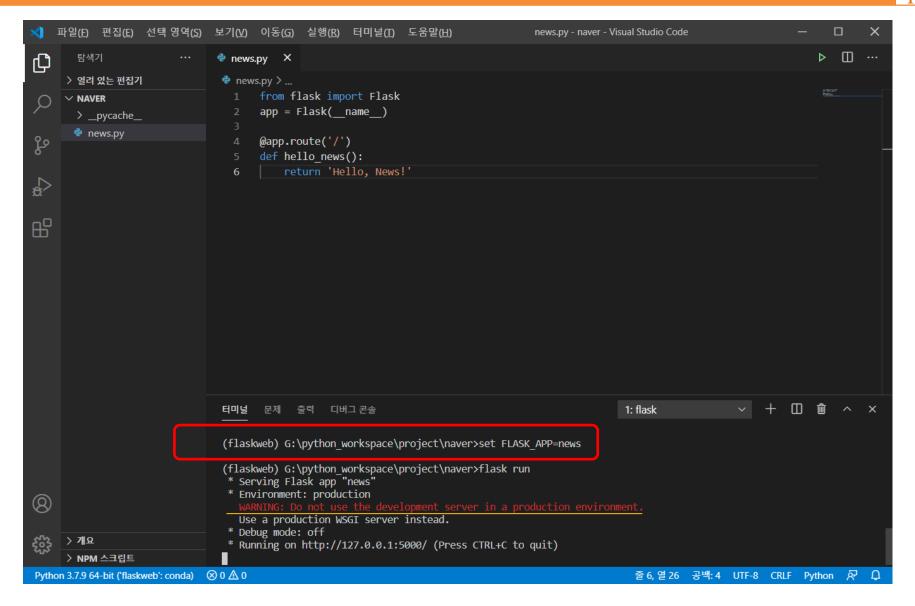


Route

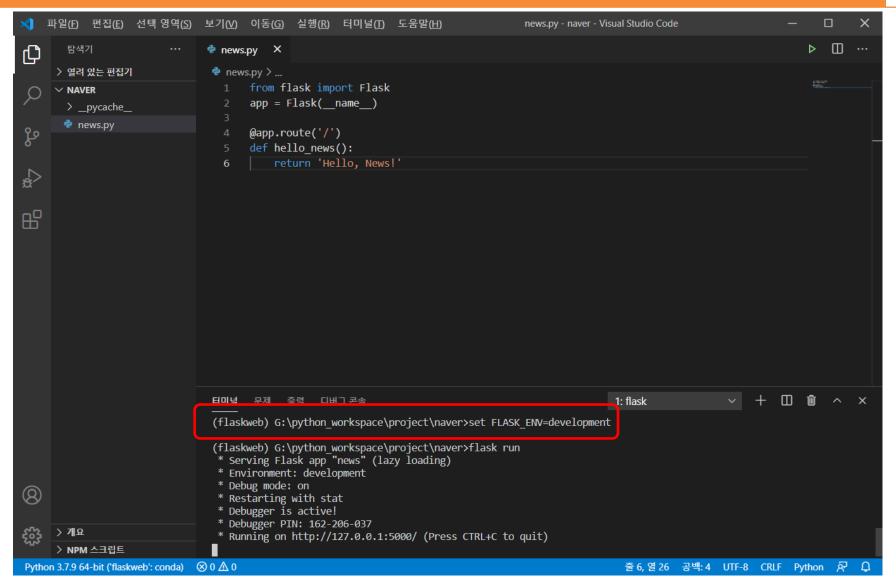


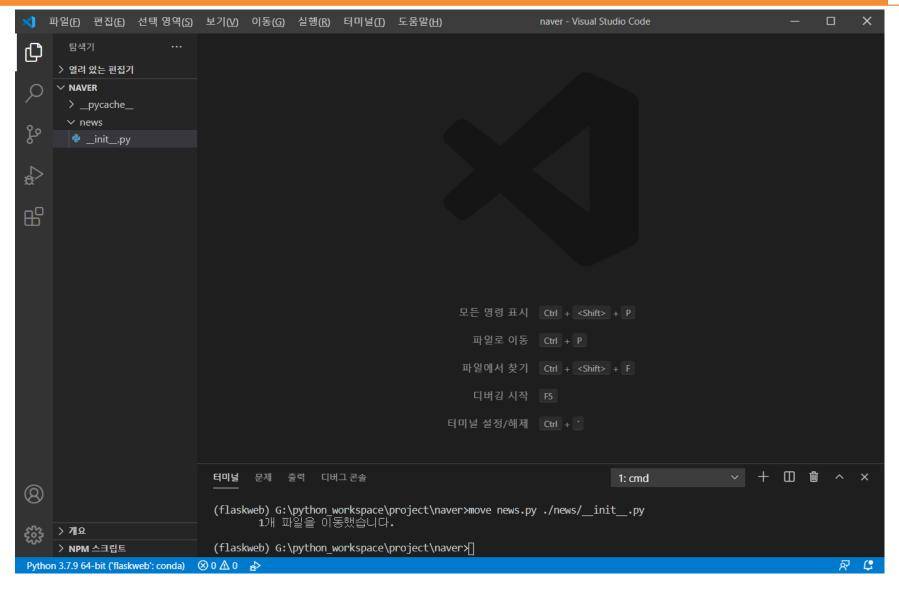


## FLASK\_APP 셋팅

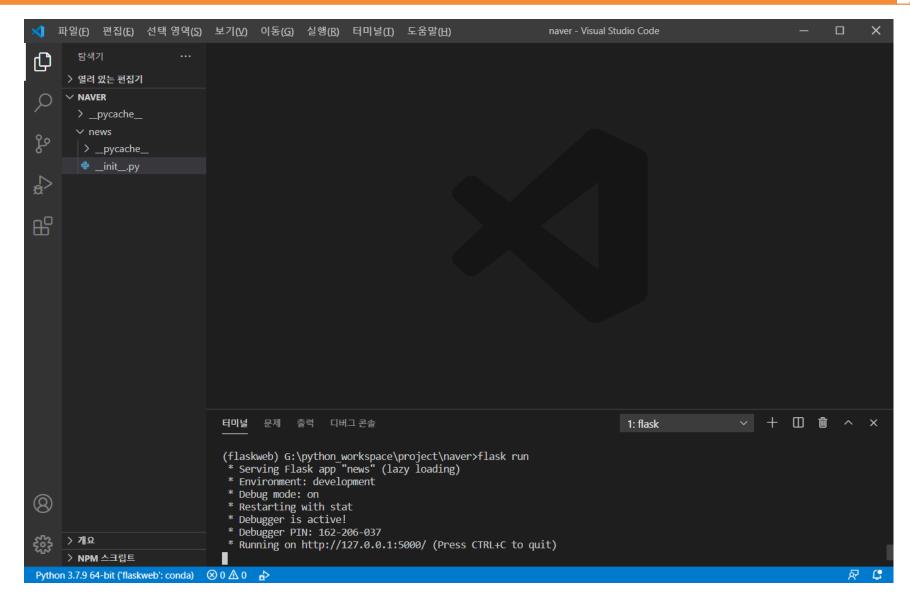


## FLASK\_ENV 셋팅

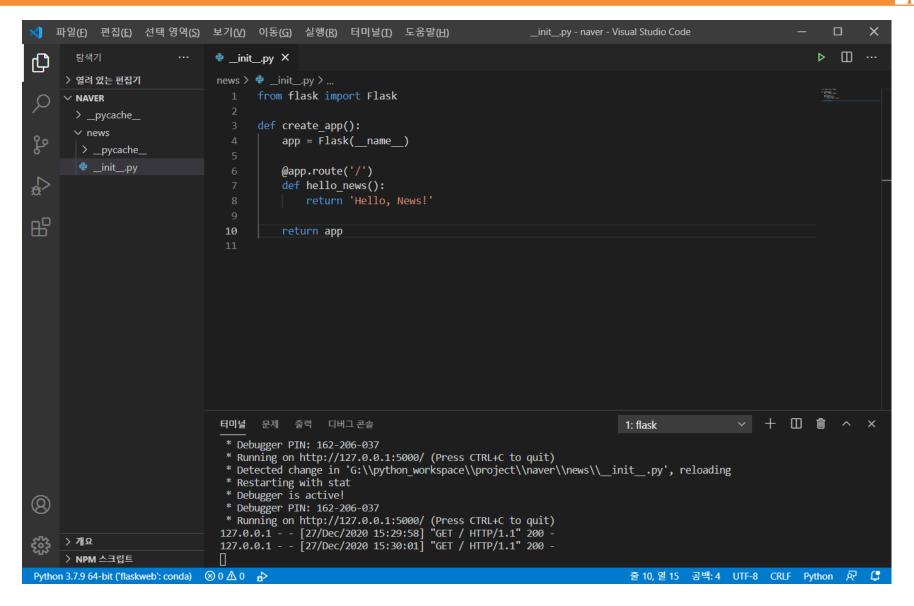




## news는 news.py 파일을 news모듈인 ./news/\_init\_.py 파일을 가리킨다



# create\_app 함수 선언



```
탐색기
                                         main_views.py X
〉 열려 있는 편집기
                         news > views > ♥ main_views.py > ...
                                from flask import Blueprint
✓ NAVER
 > _pycache_
                                bp = Blueprint('main', _name__, url_prefix='/') # url_prefix='/main'이라면?

∨ news

  > _pycache_
                                @bp.route('/')

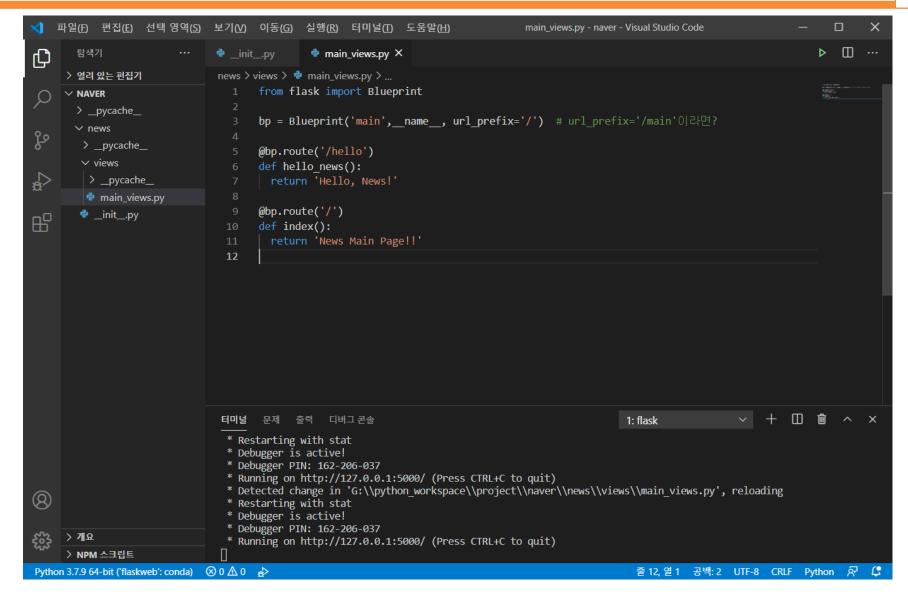
✓ views

                                def hello news():
  main_views.py
                                 return 'Hello, News!'
 __init__.py
```

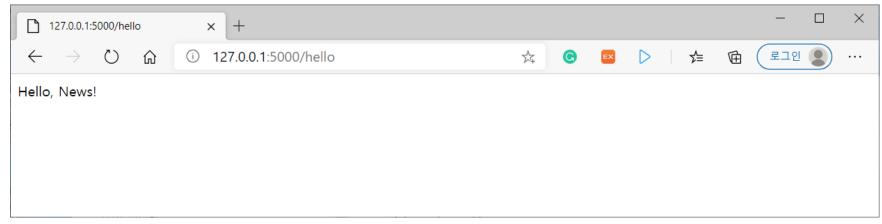
```
__init__.py X
 탐색기
                                         main_views.py
열려 있는 편집기
                         news > 🕏 __init__.py > 🕥 create_app
                                from flask import Flask
✓ NAVER
                                from .views import main views
 > _pycache_
∨ news
                                def create app():
  > _pycache_
                                    app = Flask(__name__)

∨ views

   > _pycache_
                                    app.register blueprint(main views.bp)
  main views.py
                                    return app
 __init__.py
```







#### bootstrap

