

# Python Programming

환경설정



권기웅

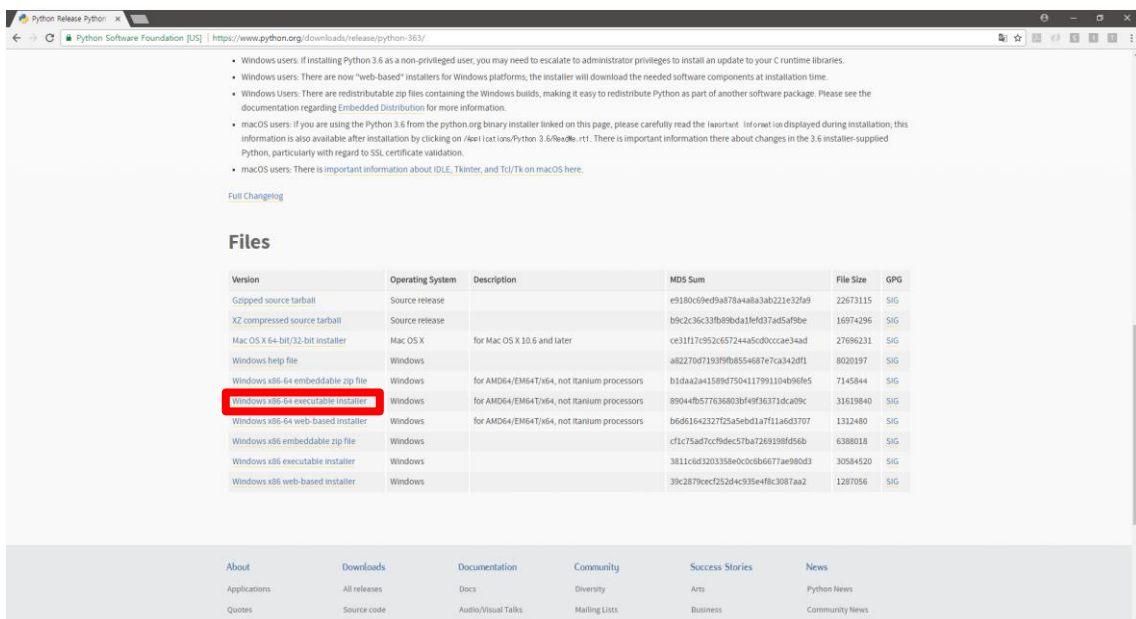
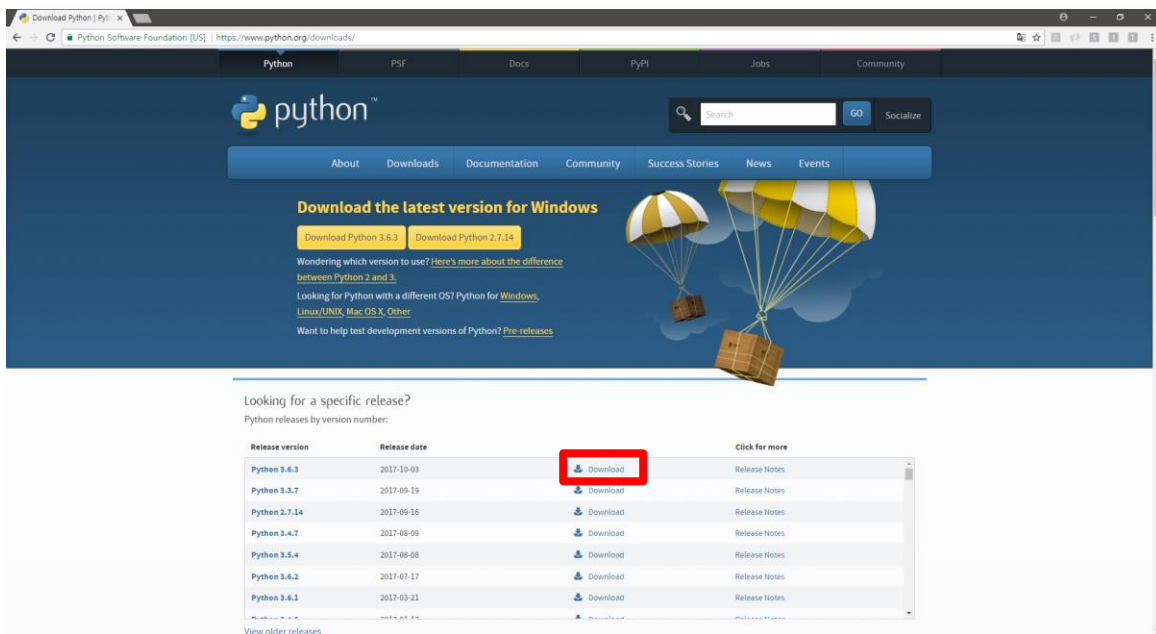


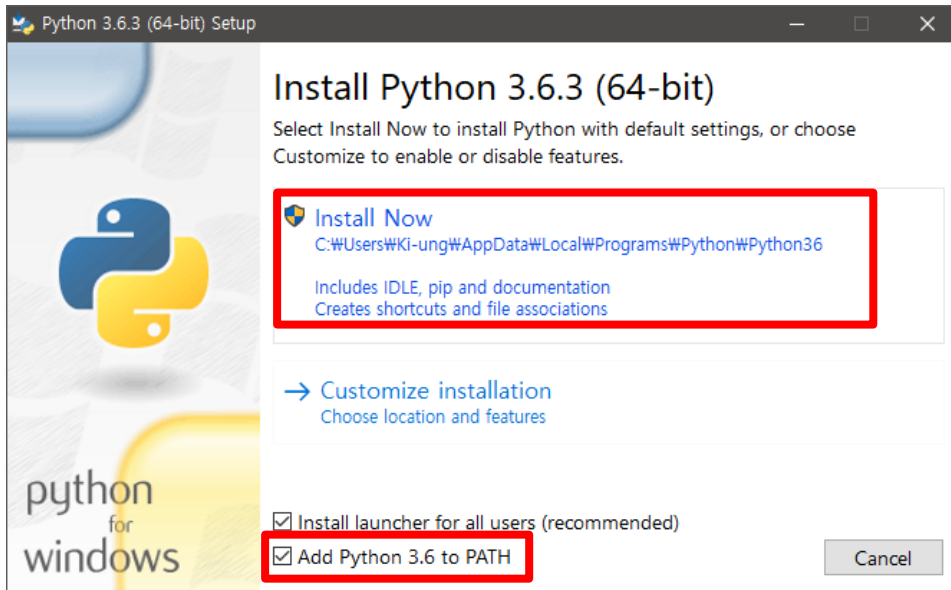
# 1. 설치

## 1.1 설치

### 1.1.1 설치

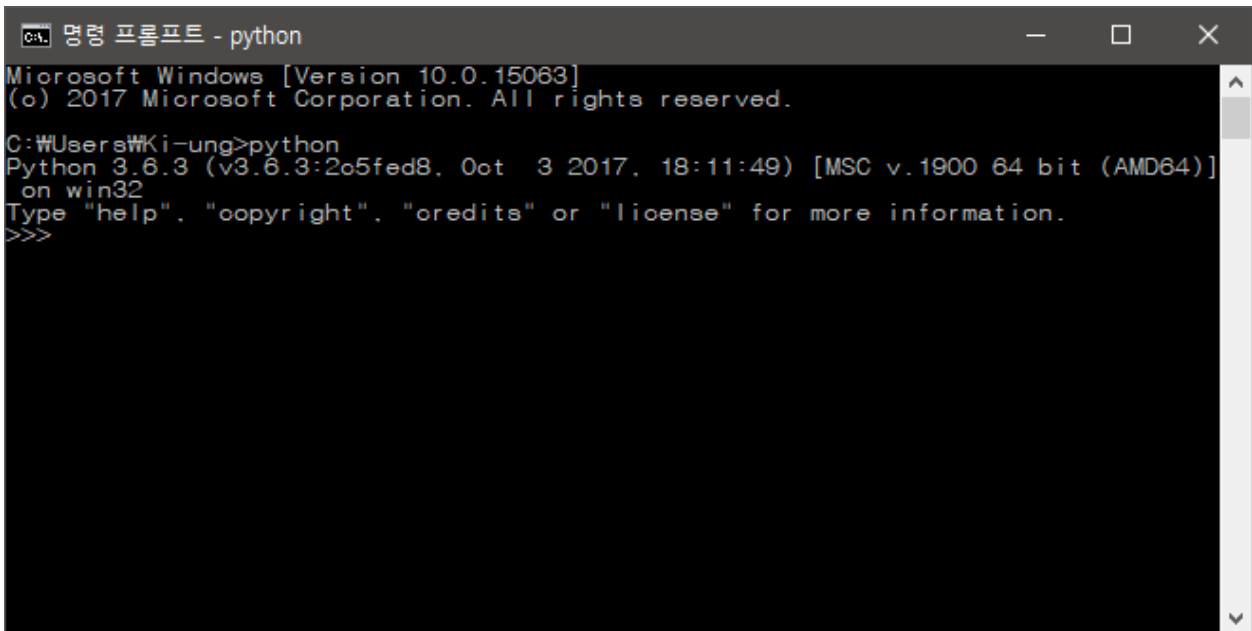
<https://www.python.org/downloads/>에서 다운받아 설치





### 1.1.2 설치 확인

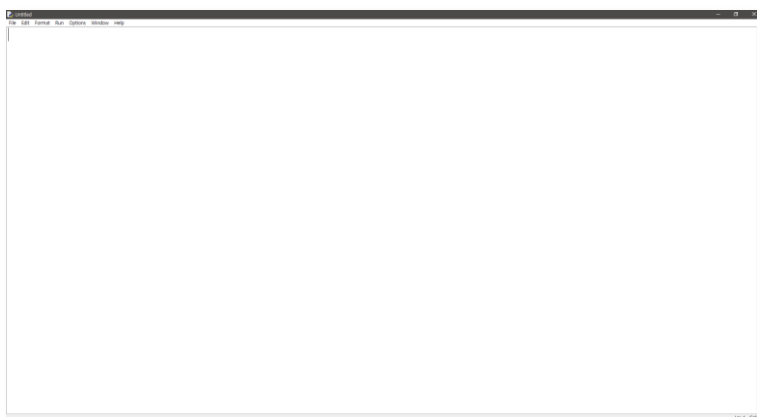
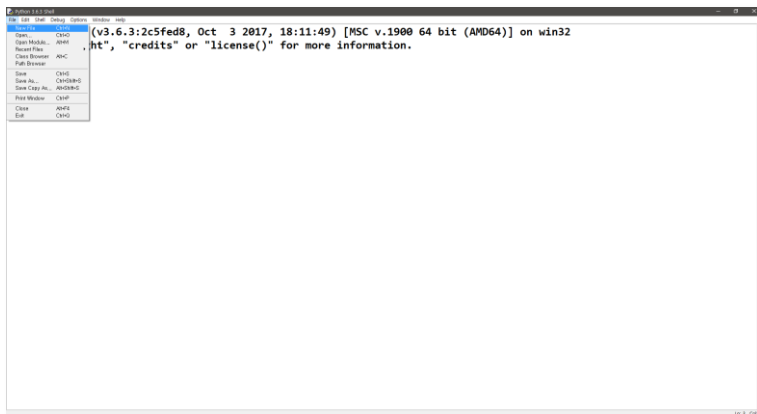
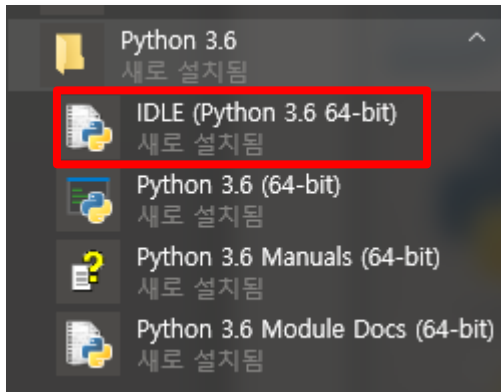
명령 프롬프트에서 python



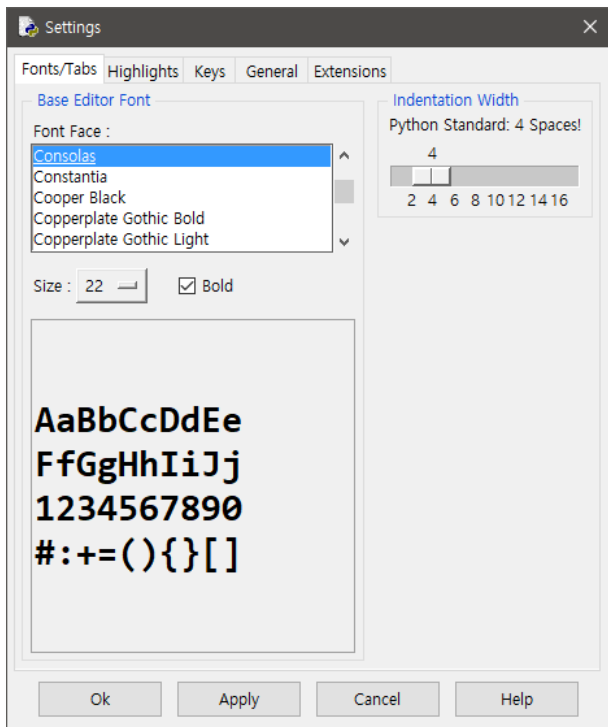
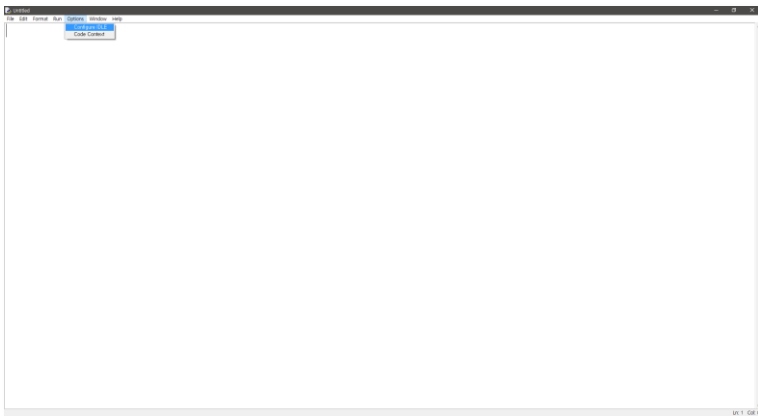
## 2. IDE

### 2.1 IDLE 실행

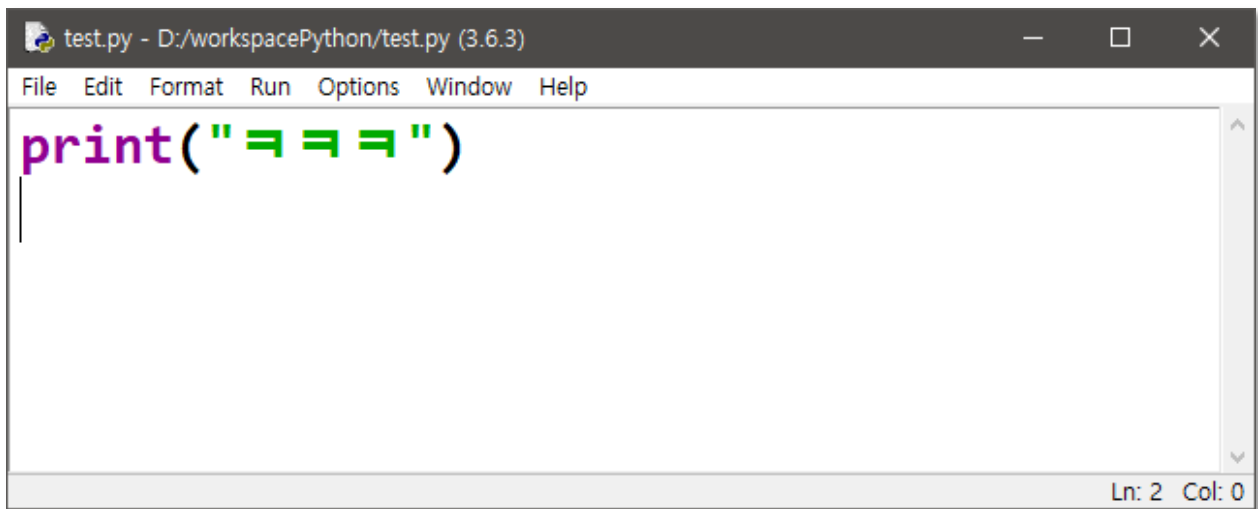
시작메뉴에서



## 2.2 IDLE 환경설정



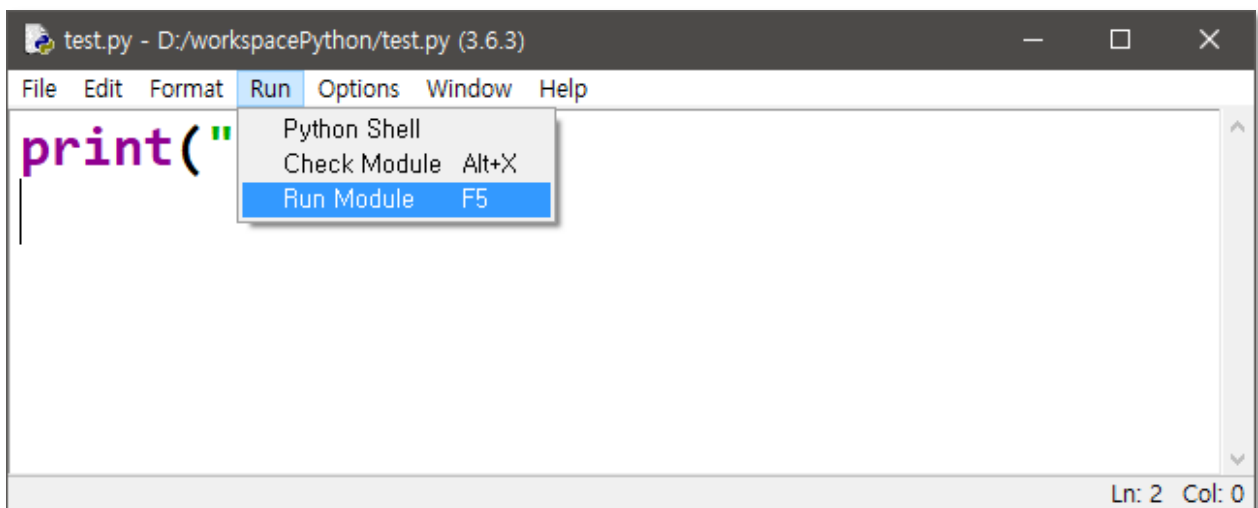
## 2.3 테스트



```
test.py - D:/workspacePython/test.py (3.6.3)
File Edit Format Run Options Window Help

print("ㅋㅋㅋ")

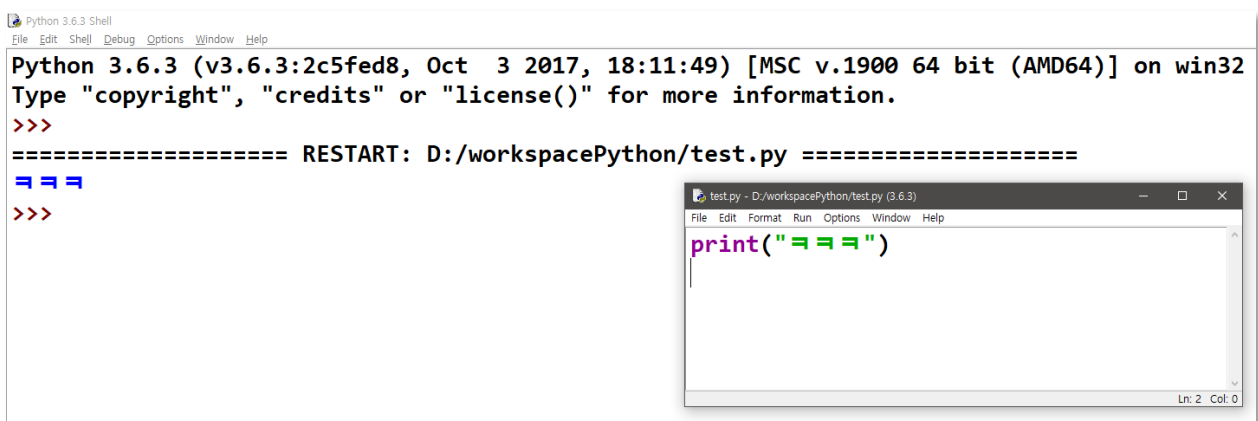
Ln: 2 Col: 0
```



```
test.py - D:/workspacePython/test.py (3.6.3)
File Edit Format Run Options Window Help

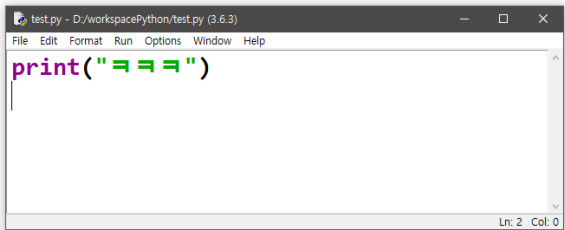
print("ㅋㅋㅋ")

Ln: 2 Col: 0
```



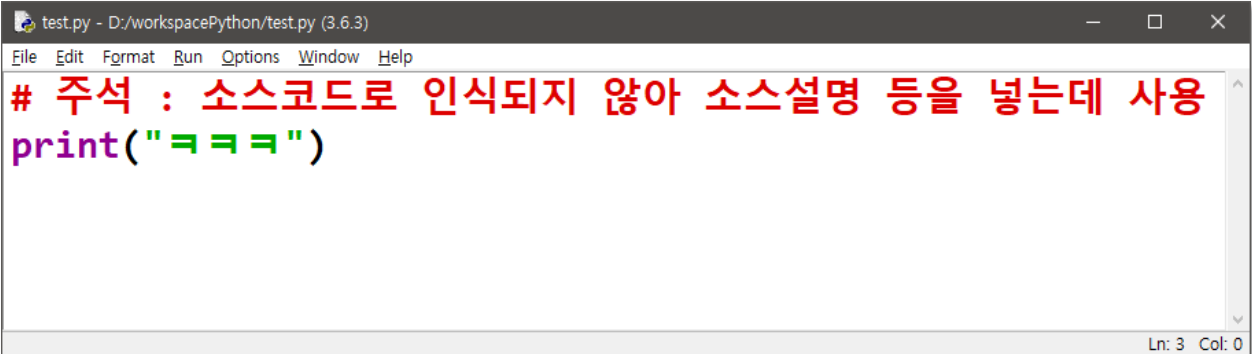
```
Python 3.6.3 Shell
File Edit Shell Debug Options Window Help

Python 3.6.3 (v3.6.3:2c5fed8, Oct 3 2017, 18:11:49) [MSC v.1900 64 bit (AMD64)] on win32
Type "copyright", "credits" or "license()" for more information.
>>>
===== RESTART: D:/workspacePython/test.py =====
ㅋㅋㅋ
>>>
```



## 3. 기타

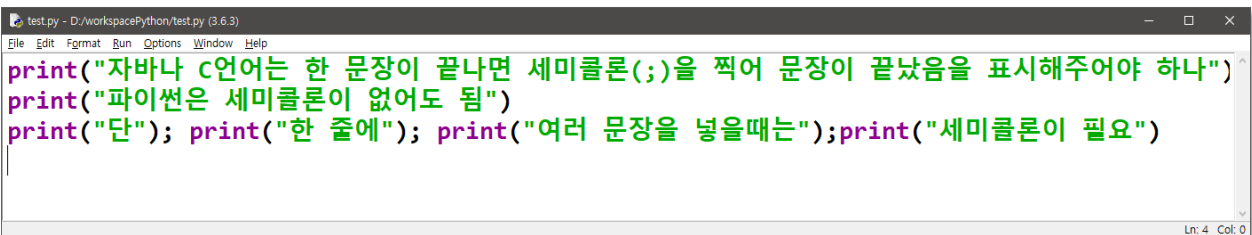
### 3.1 주석



```
test.py - D:/workspacePython/test.py (3.6.3)
File Edit Format Run Options Window Help
# 주석 : 소스코드로 인식되지 않아 소스설명 등을 넣는데 사용
print("ㅋㅋㅋㅋ")
Ln: 3 Col: 0
```

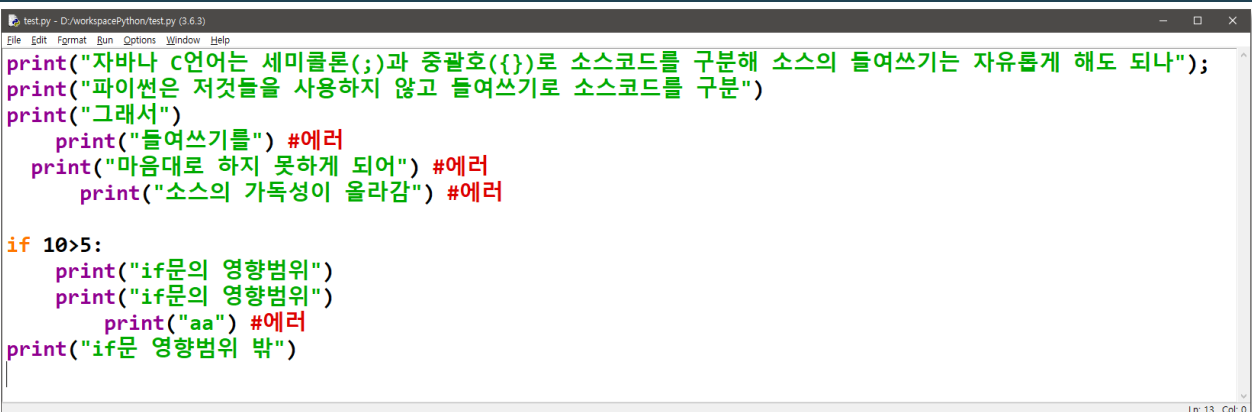
### 3.2 자바/C 계열 언어와의 차이

#### 3.2.1 세미콜론



```
test.py - D:/workspacePython/test.py (3.6.3)
File Edit Format Run Options Window Help
print("자바나 c언어는 한 문장이 끝나면 세미콜론(;)을 찍어 문장이 끝났음을 표시해주어야 하나")
print("파이썬은 세미콜론이 없어도 됨")
print("단"); print("한 줄에"); print("여러 문장을 넣을때는"); print("세미콜론이 필요")
Ln: 4 Col: 0
```

#### 3.2.2 들여쓰기



```
test.py - D:/workspacePython/test.py (3.6.3)
File Edit Format Run Options Window Help
print("자바나 c언어는 세미콜론(;)과 중괄호({})로 소스코드를 구분해 소스의 들여쓰기는 자유롭게 해도 되나");
print("파이썬은 이것들을 사용하지 않고 들여쓰기로 소스코드를 구분")
print("그래서")
    print("들여쓰기를") #에러
print("마음대로 하지 못하게 되어") #에러
    print("소스의 가독성이 올라감") #에러

if 10>5:
    print("if문의 영향범위")
    print("if문의 영향범위")
        print("aa") #에러
print("if문 영향범위 밖")
Ln: 13 Col: 0
```

