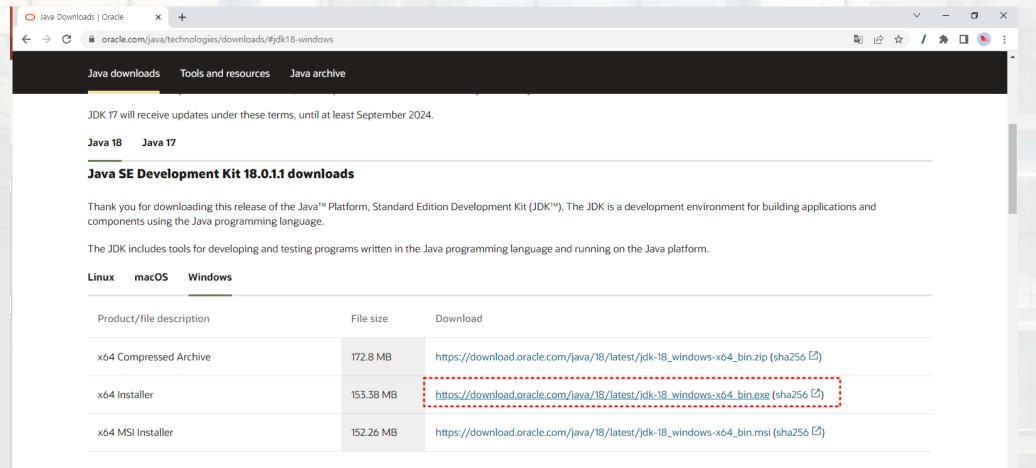




## 자바 설치하기\_windows

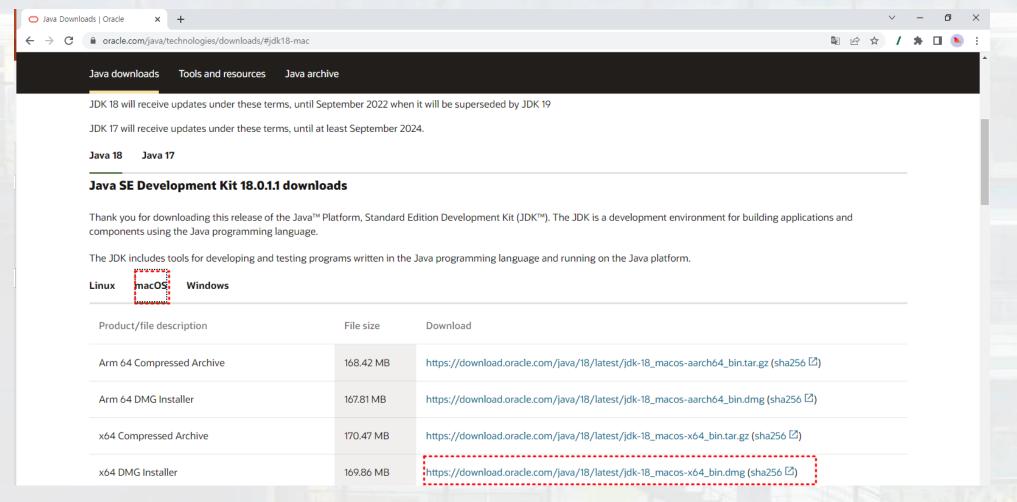
### JDK설치하기

# https://www.oracle.com/java/technologies/downloads/#jdk18-windows



# 자바 설치하기\_maxOS [설치참고https://jsikim1.tistory.com/191

## JDK설치하기 **버전 1.7이상의 자바가 설치되어 있어야 함**



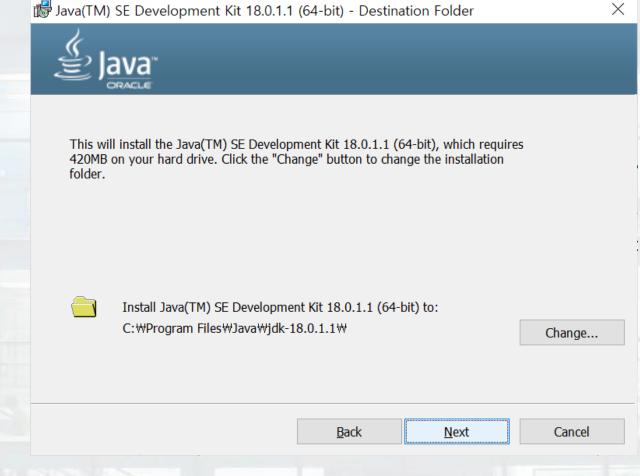


## 자바 설치



Cancel

Next >





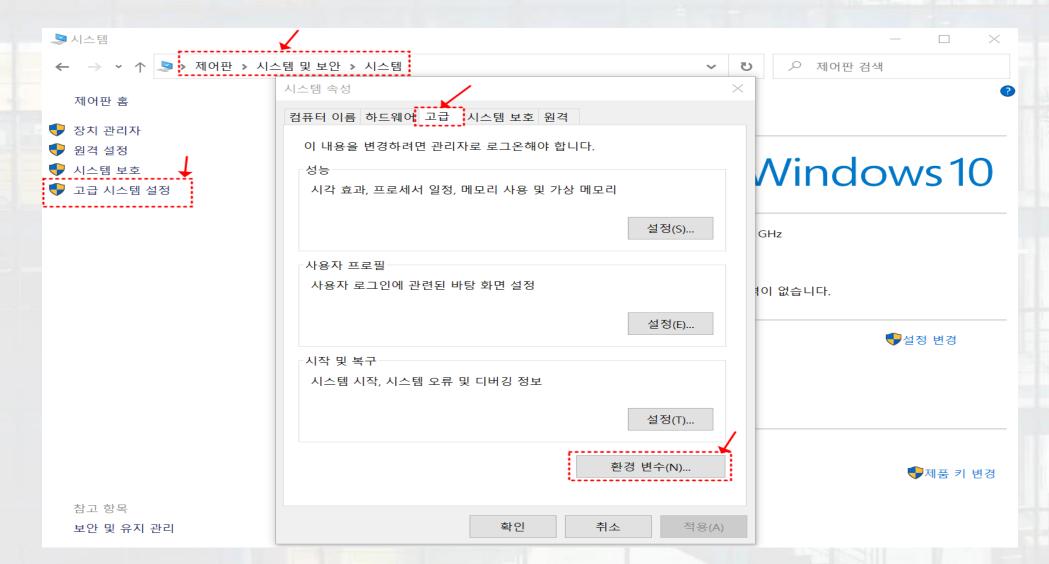
## 자바 설치



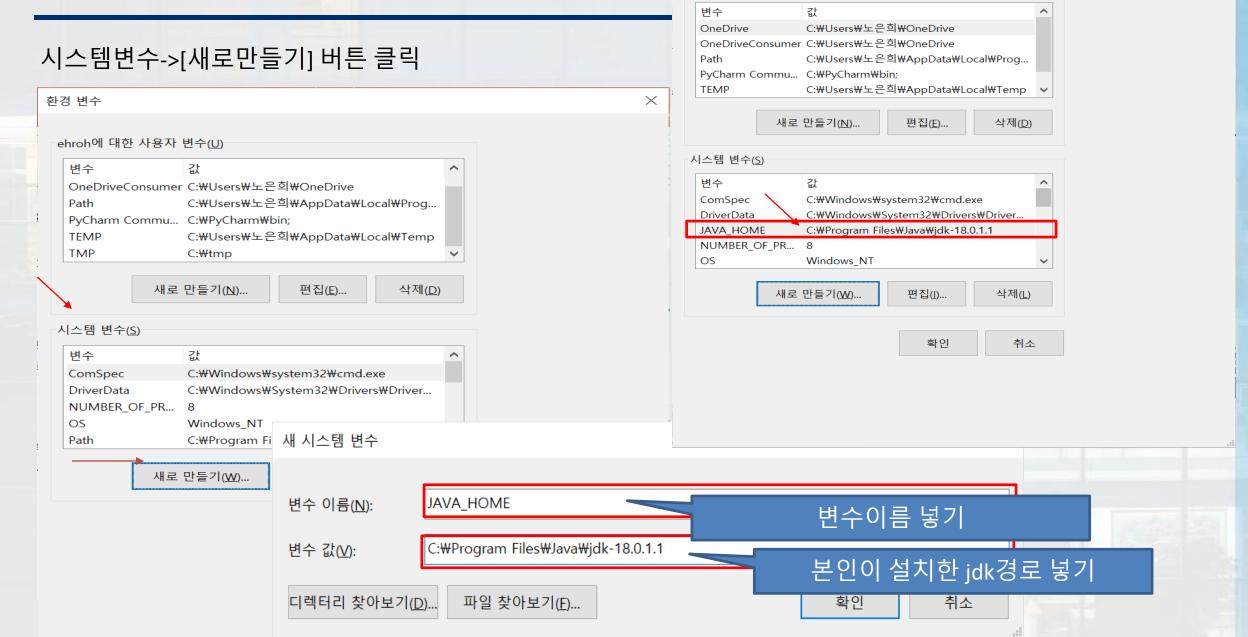


## 환경변수 설정하기

[제어판]->[시스템및 보안]->[시스템]->고급 시스템 설정->고급 ->환경변수

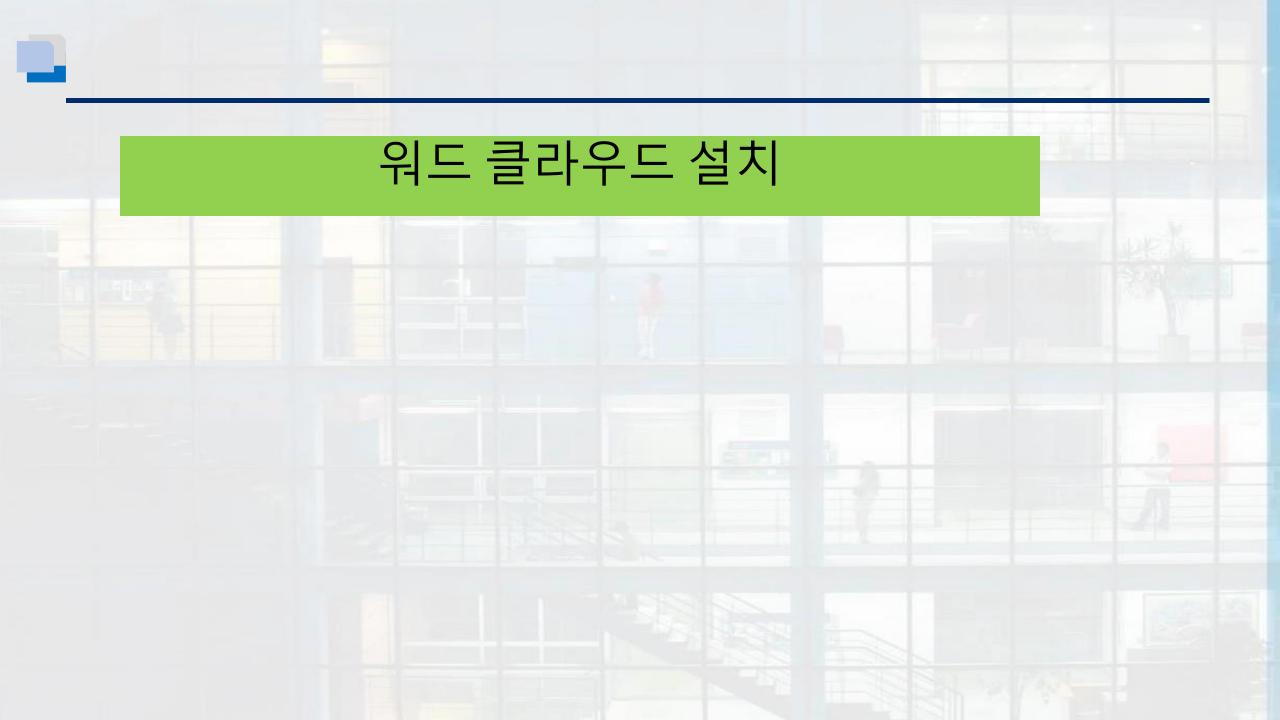


# 환경변수 설치하기



환경 변수

ehroh에 대한 사용자 변수(U)





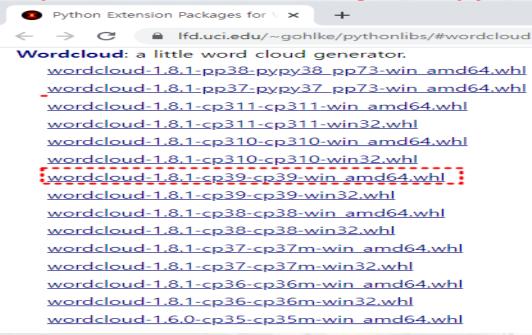
## wordcloud 설치

## pip install wordcloud 만약 에러가 발생하면

```
| Associate Powershell Prompt (Anacondas) | Associated Prompt
```

아래 링크로 들어가서 wordcloud whl 파일을 설치된 파이썬 버전 확인 후 다운받기

## https://www.lfd.uci.edu/~gohlke/pythonlibs/#wordcloud

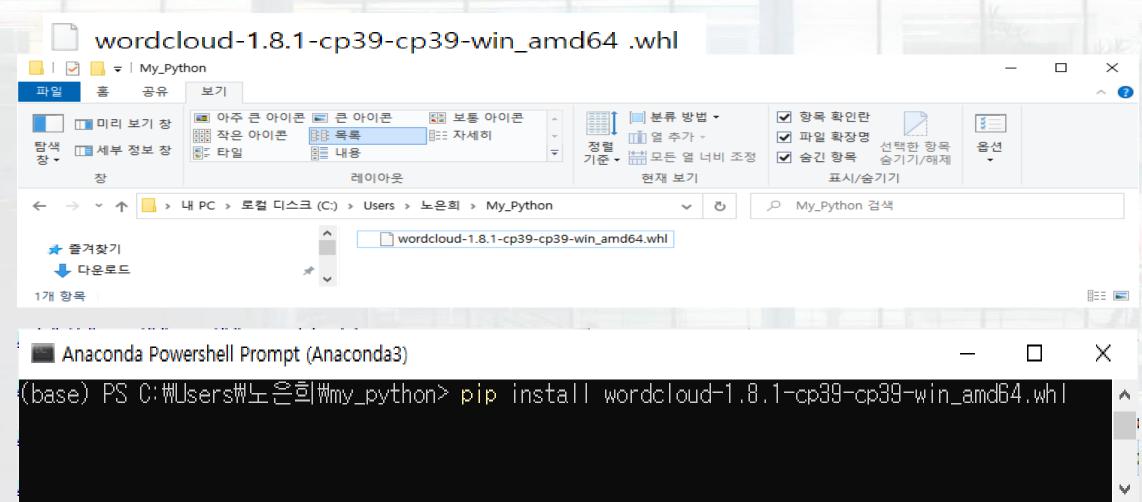


```
■ Anaconda Powershell Prompt (Anaconda3) - □ X

(base) PS C:\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Users\Use
```

## wordcloud 설치

다운받은 폴더에서(whl파일이 있는 경로) cmd 창에 'pip install 파일명'을 해주면 된다. pip install wordcloud-1.8.1-cp39-cp39-win\_amd64.whl



# wordcloud 설치 확인하기

