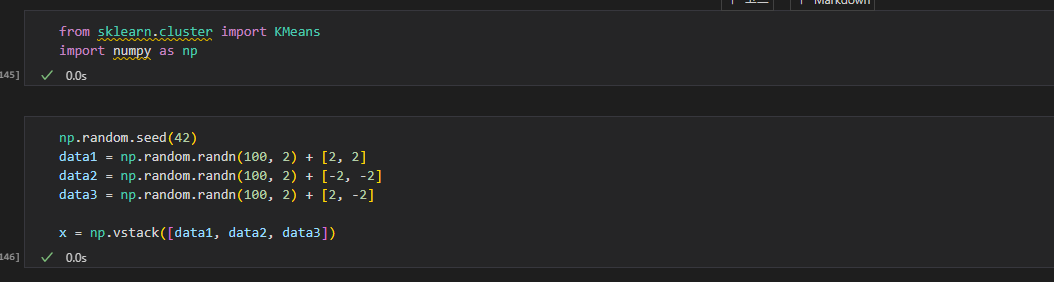
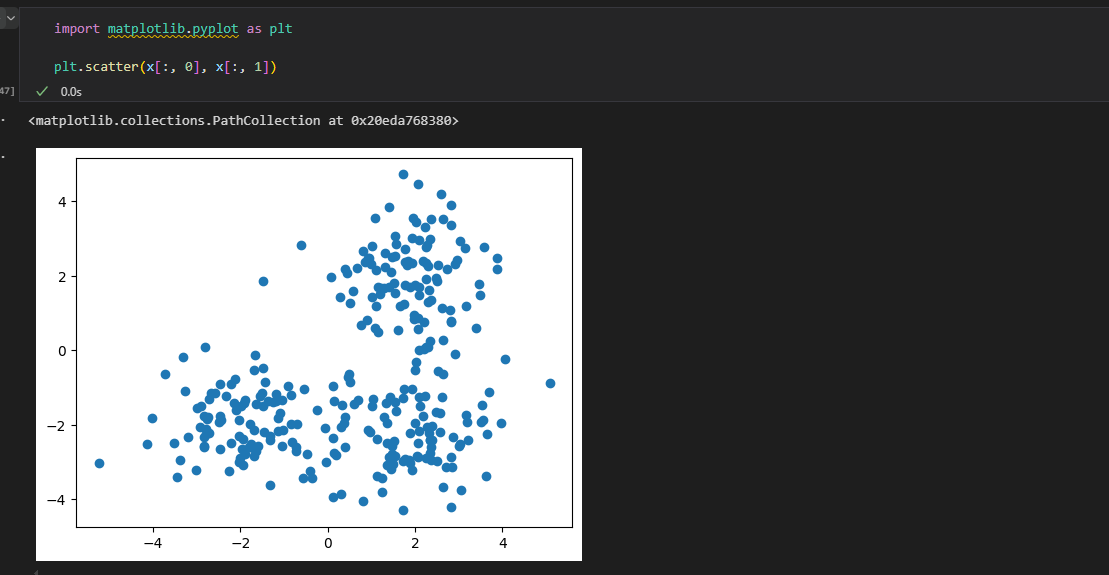
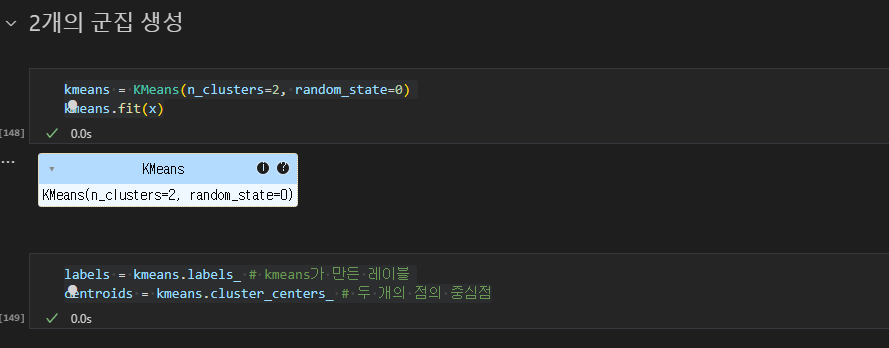
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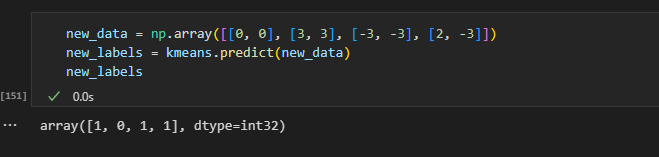
## KMeans 학습 실습

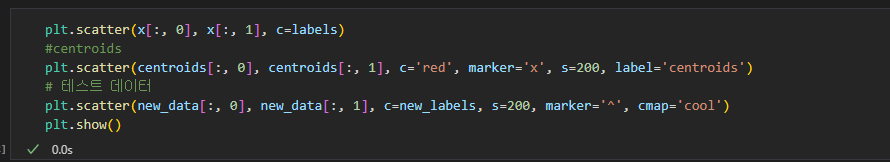


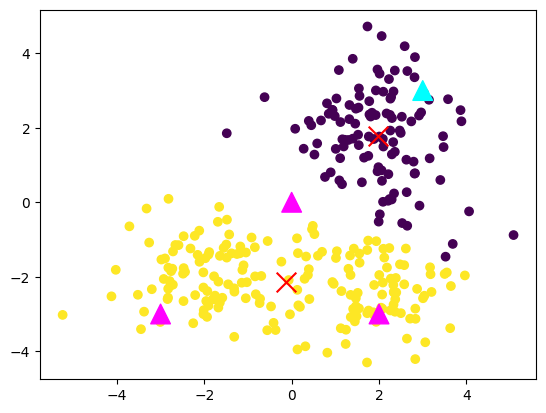


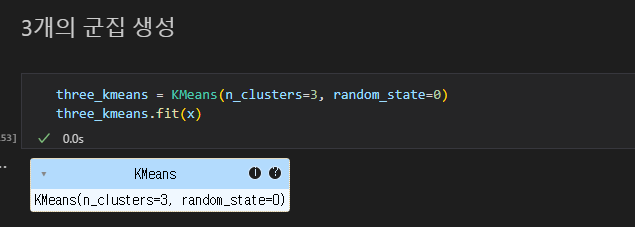


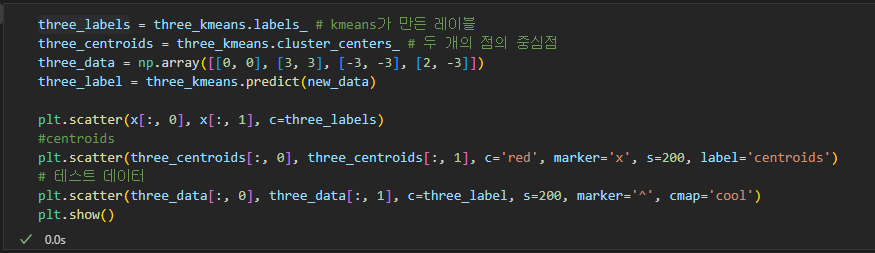


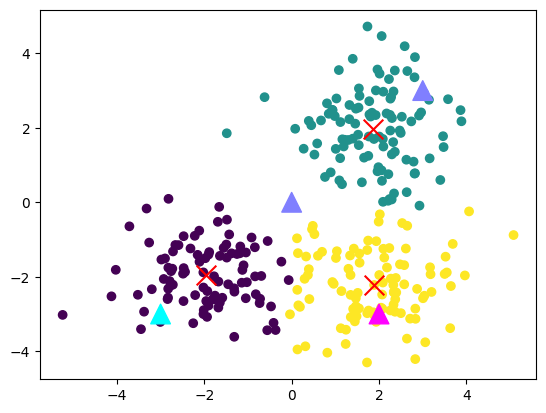


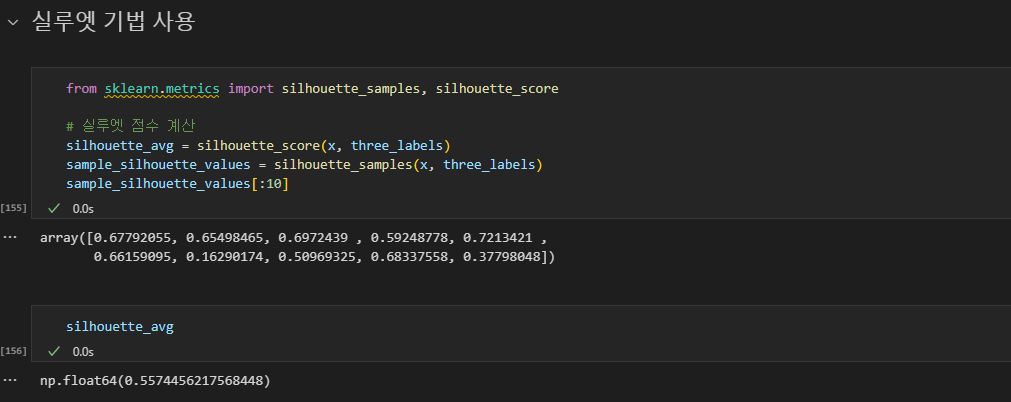


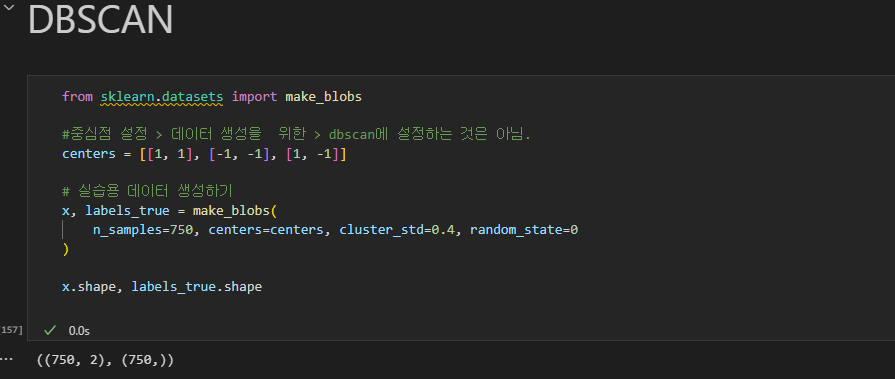


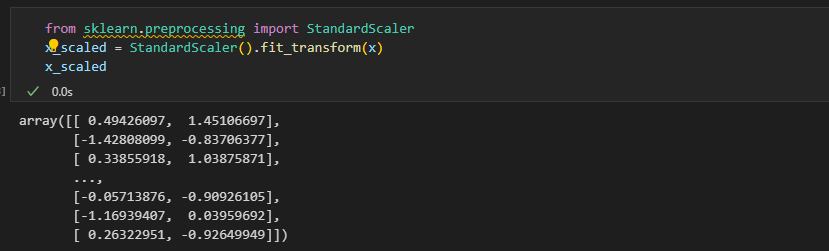


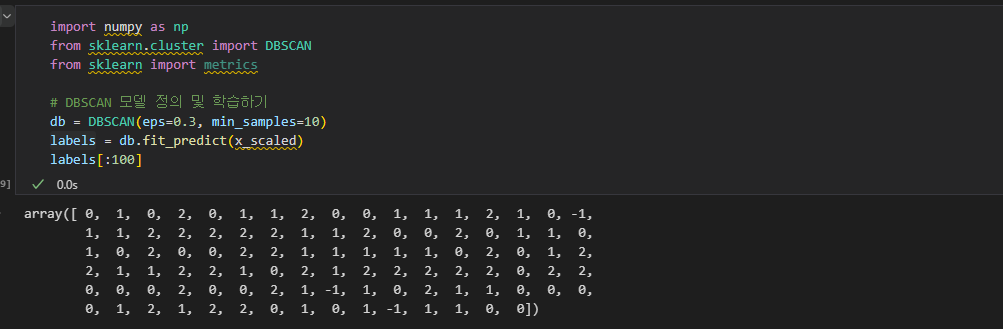


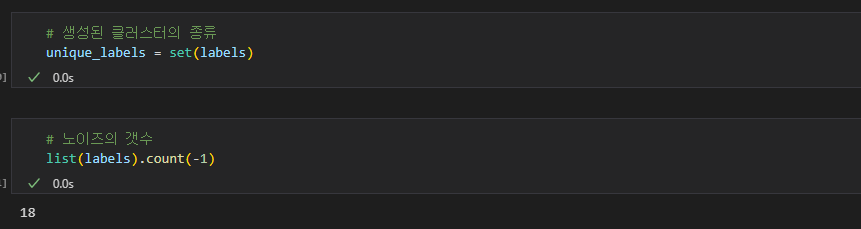


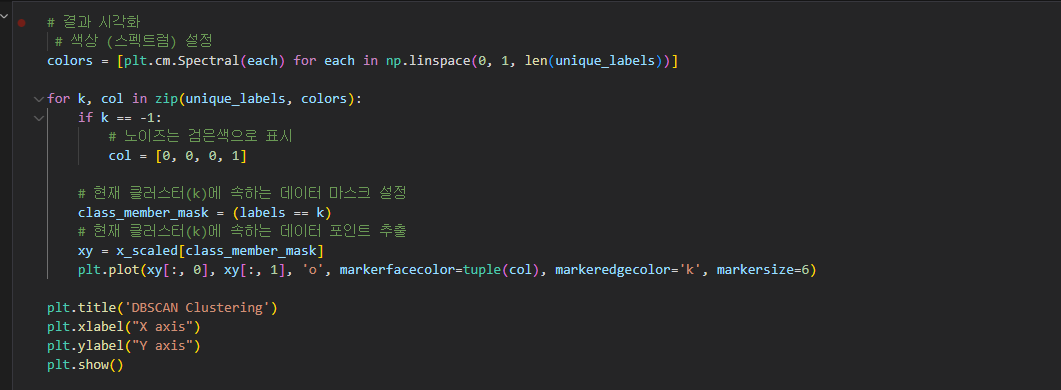


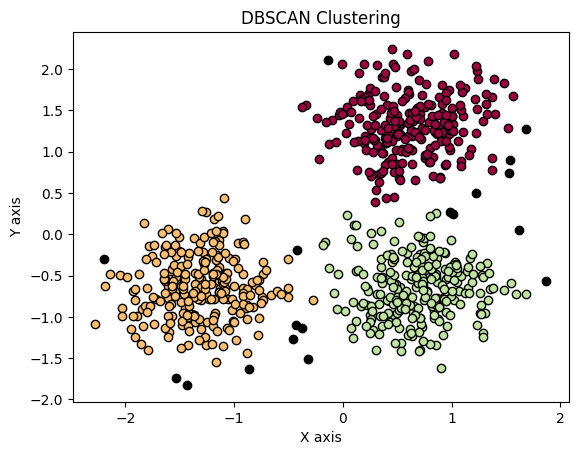




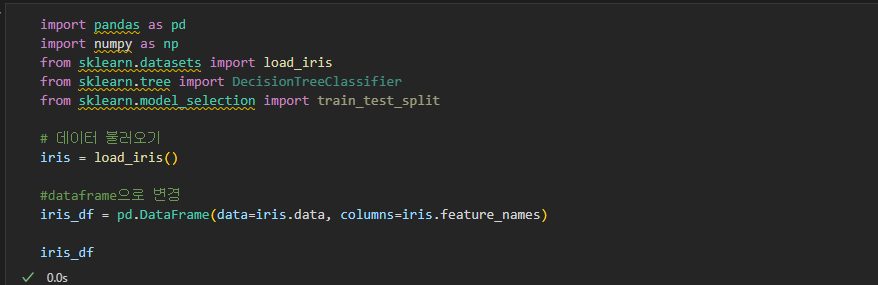




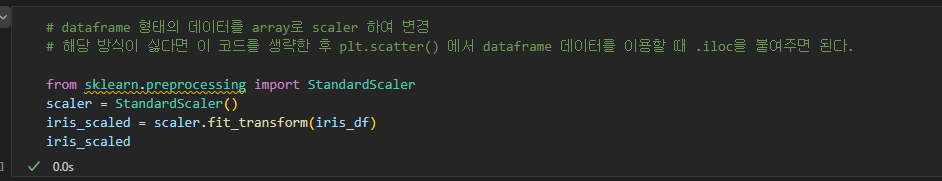


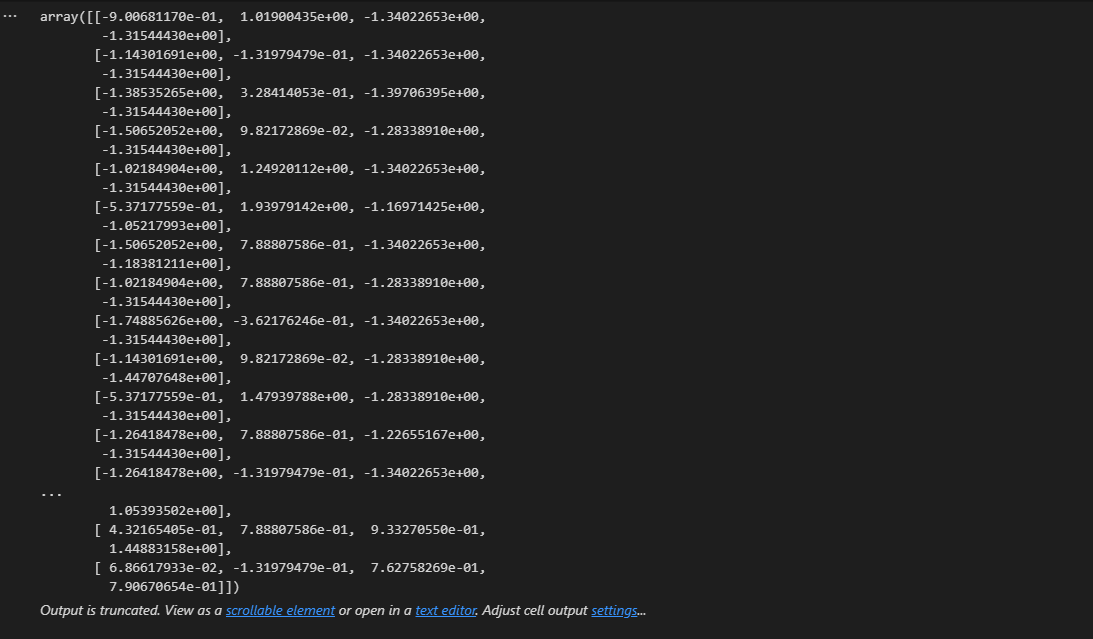


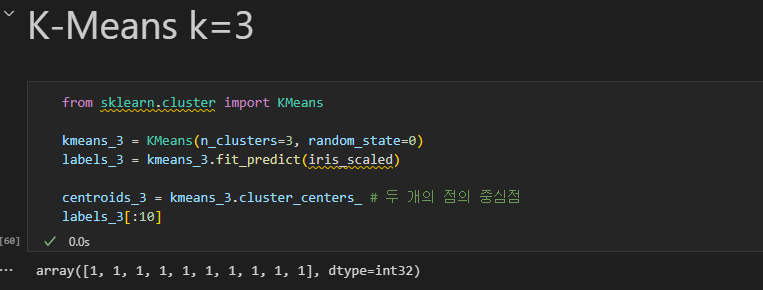
## Iris와 KMeans 학습 실습

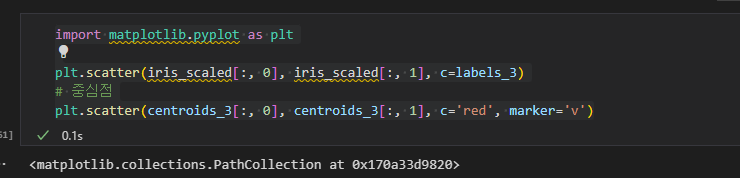


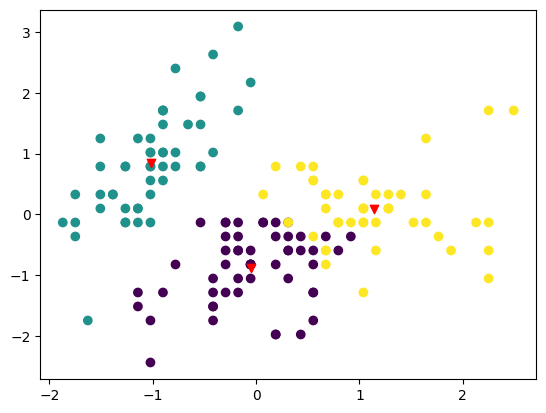


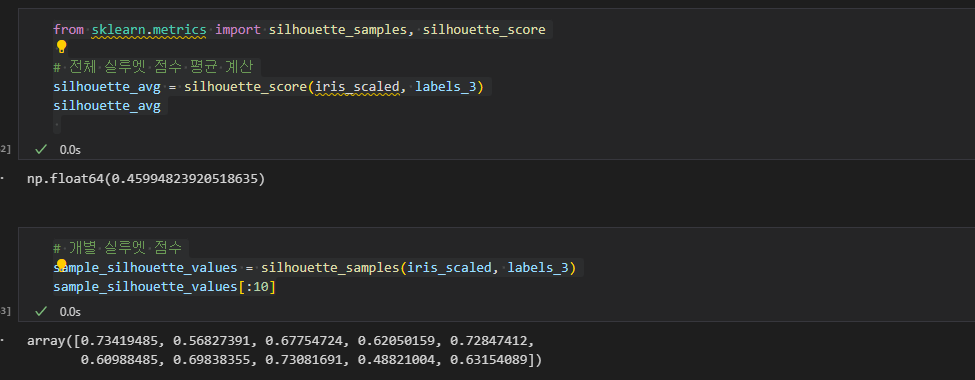


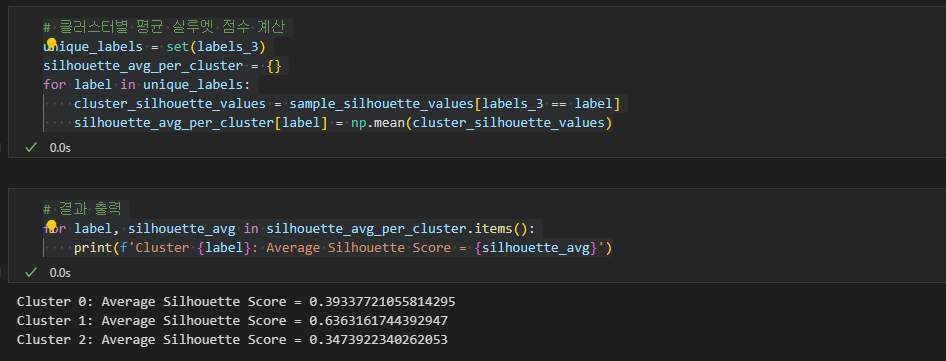




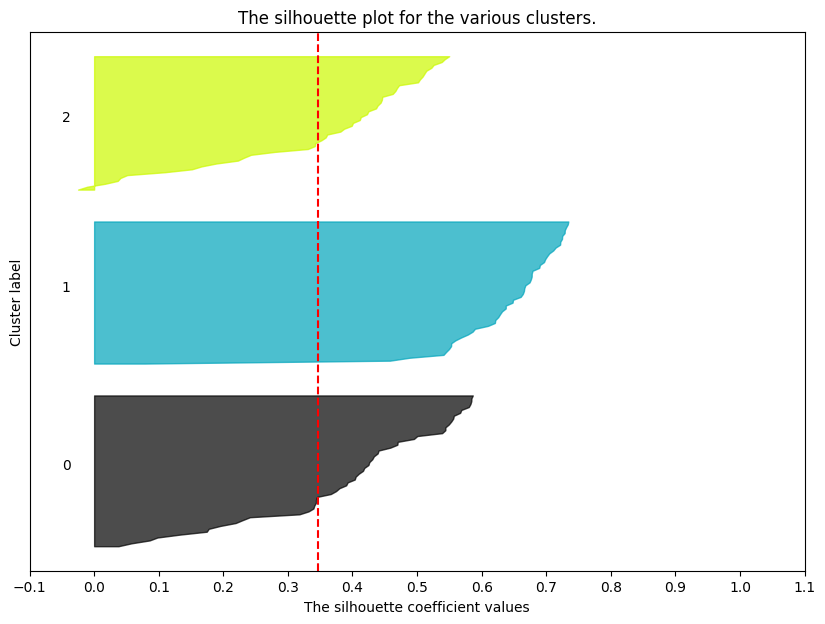


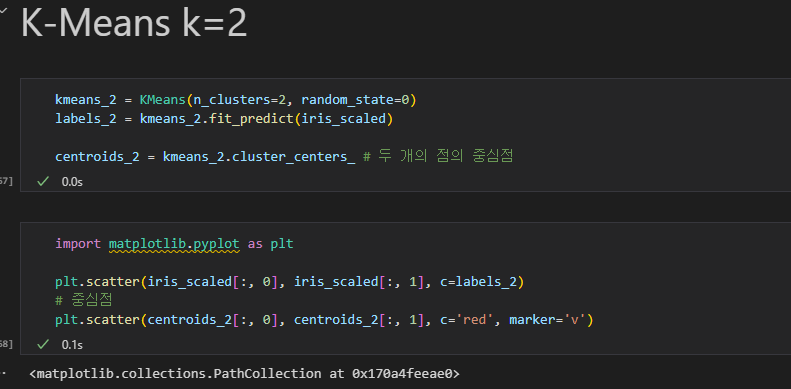


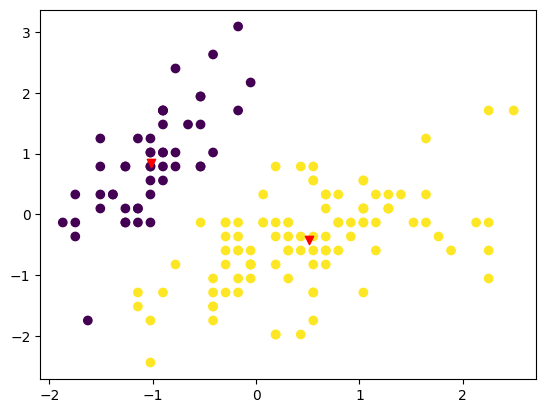






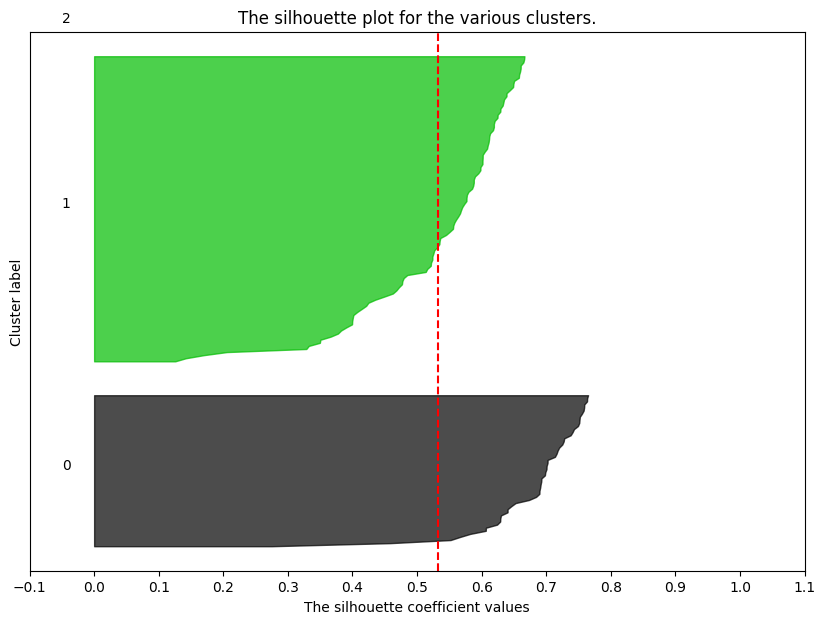




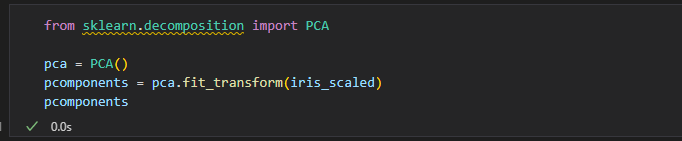


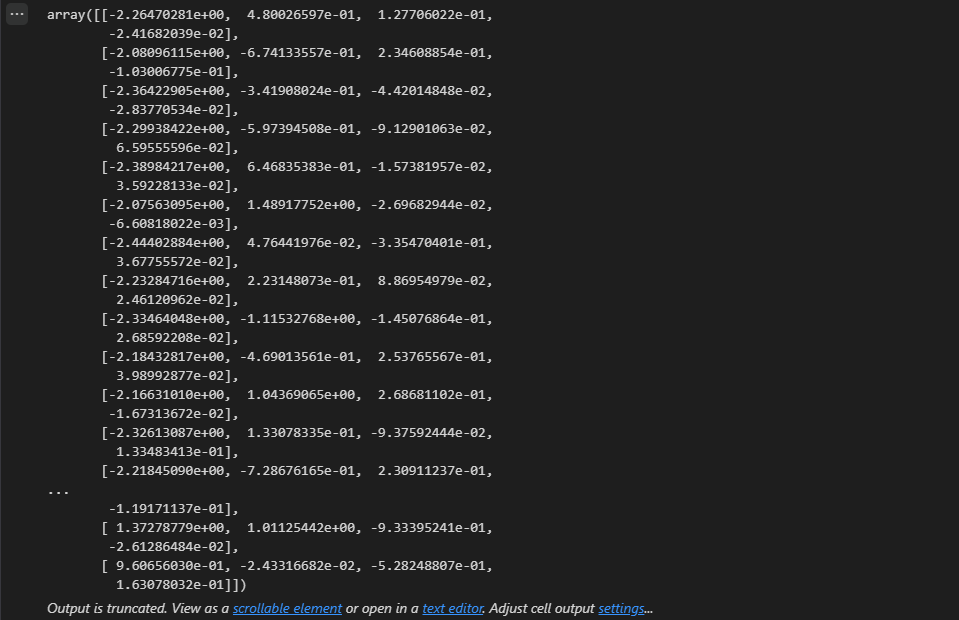


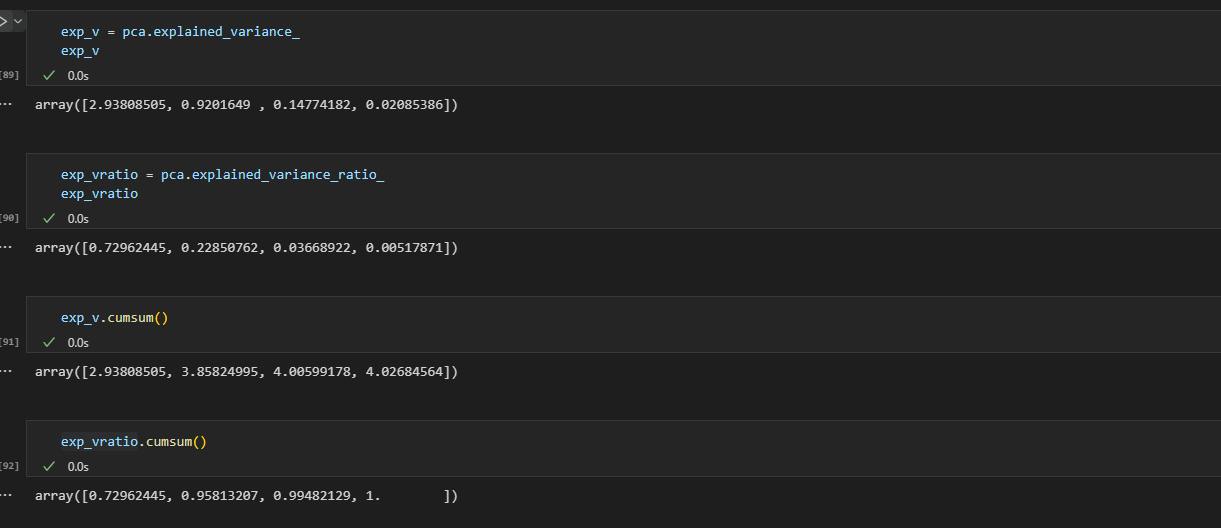


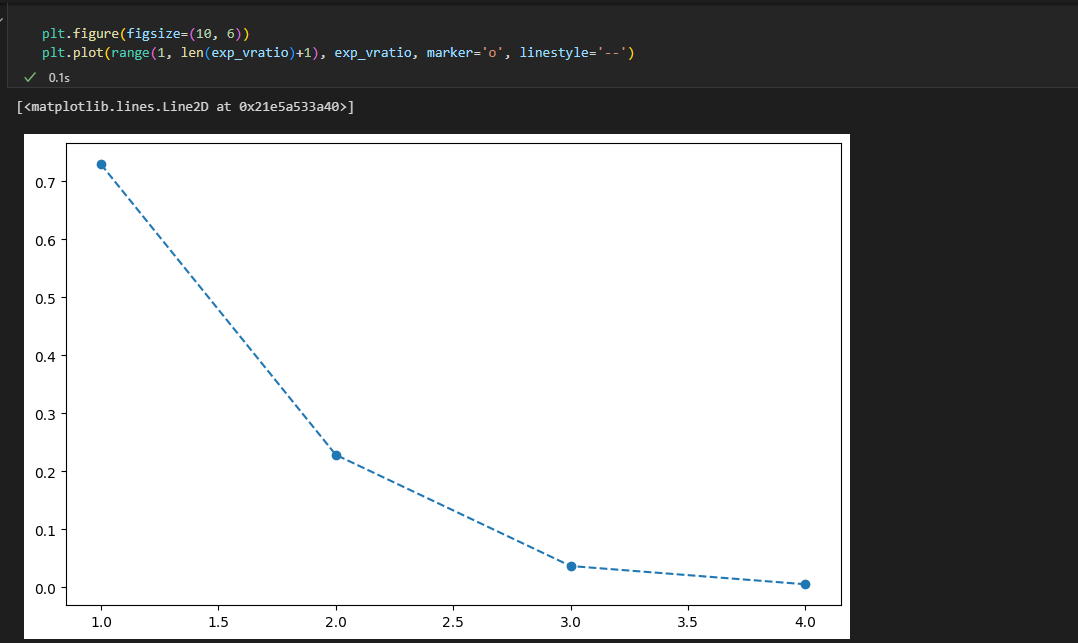


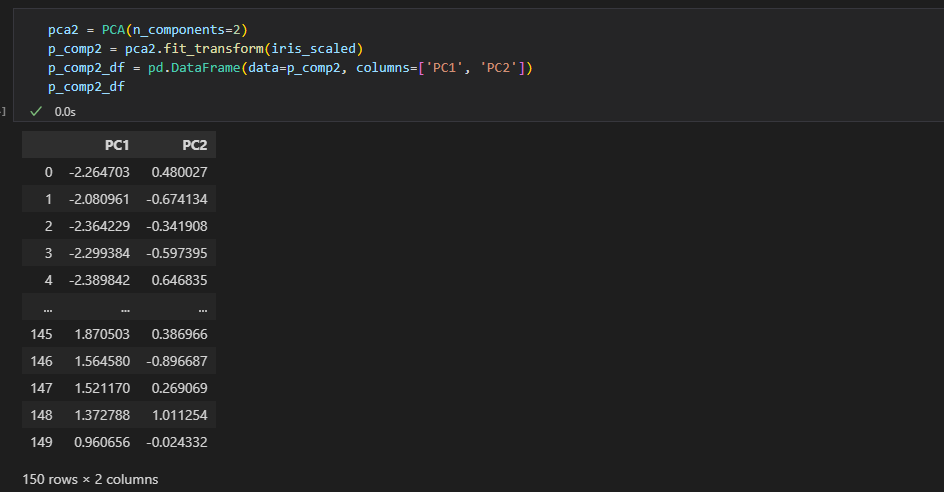
### PCA 분석

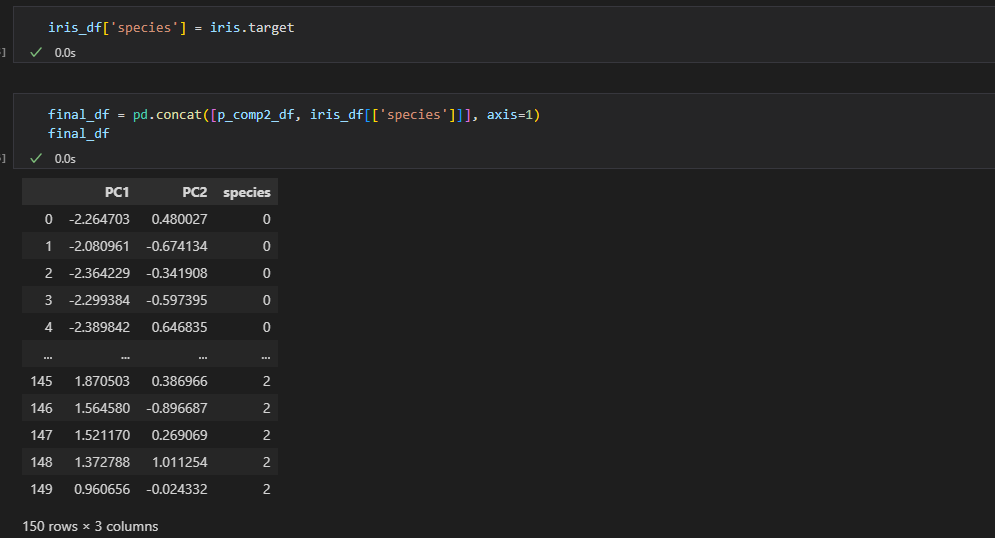


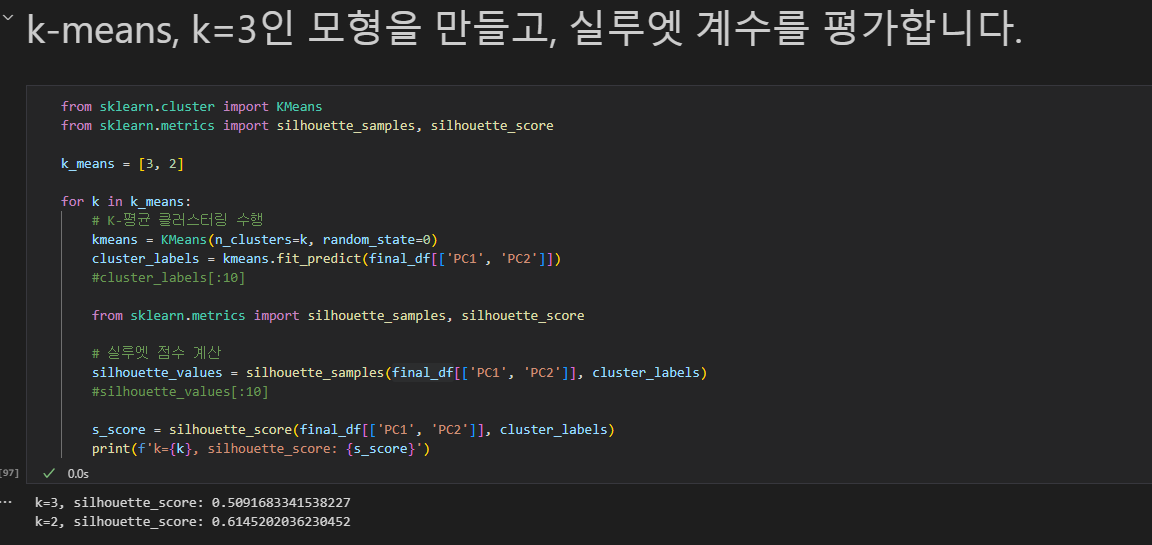


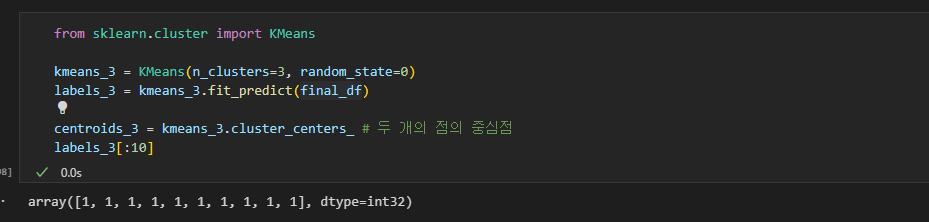


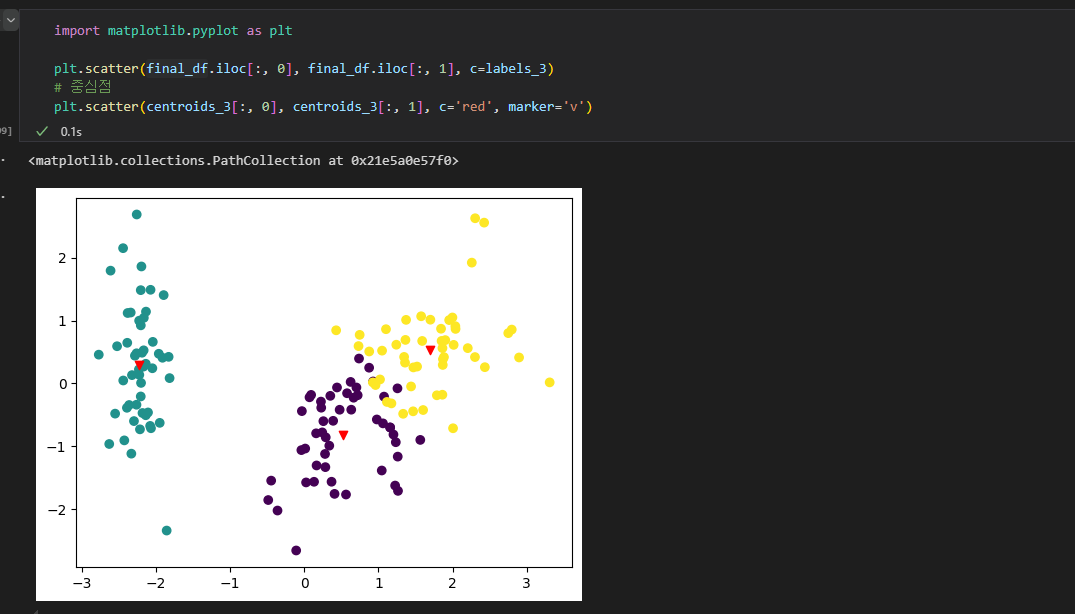


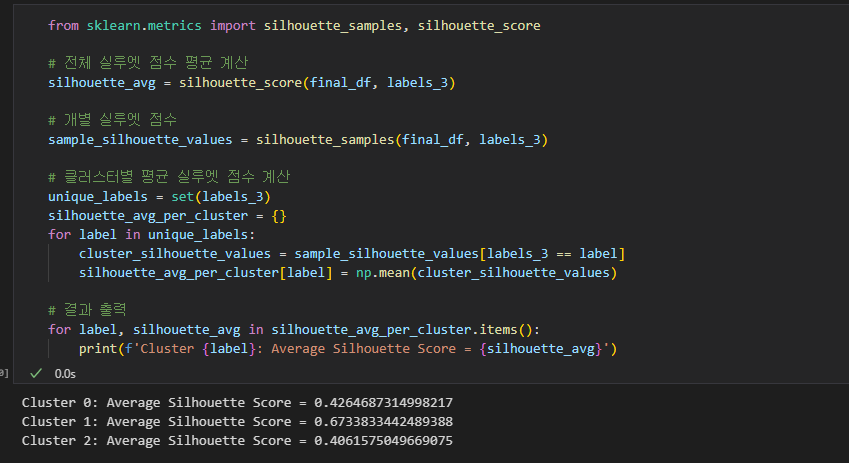




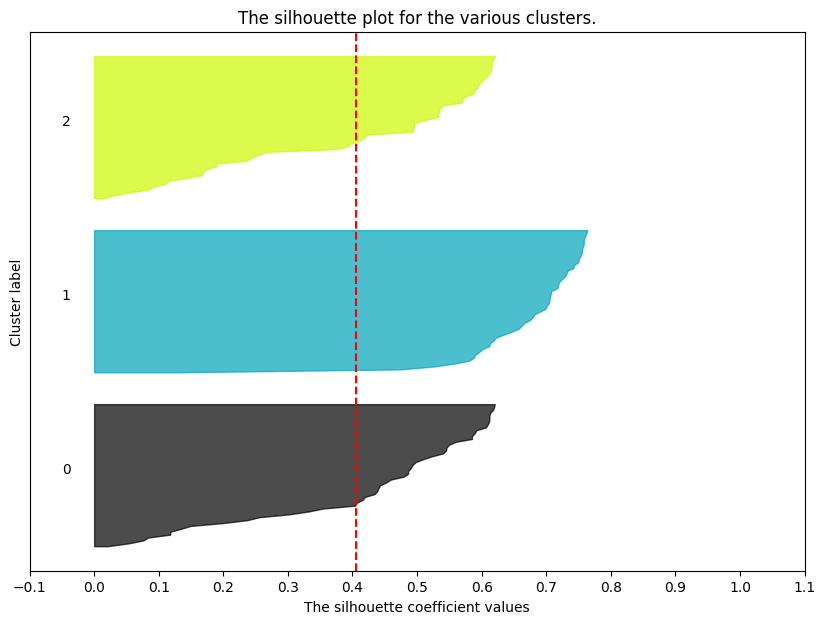








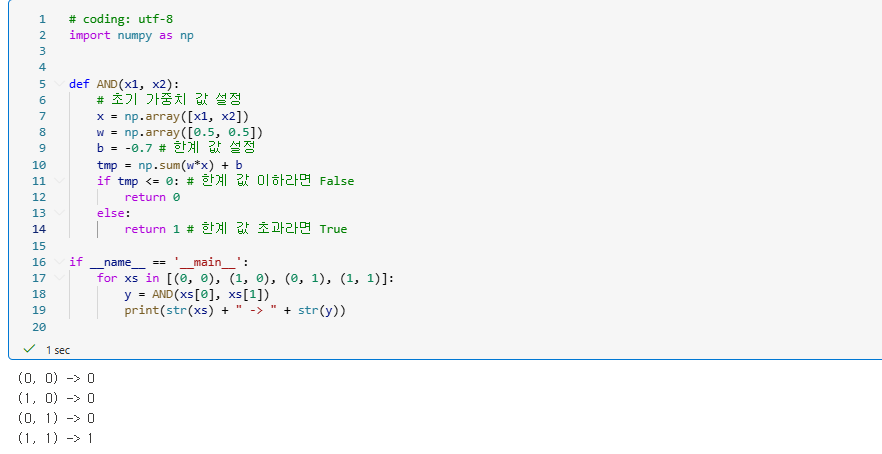




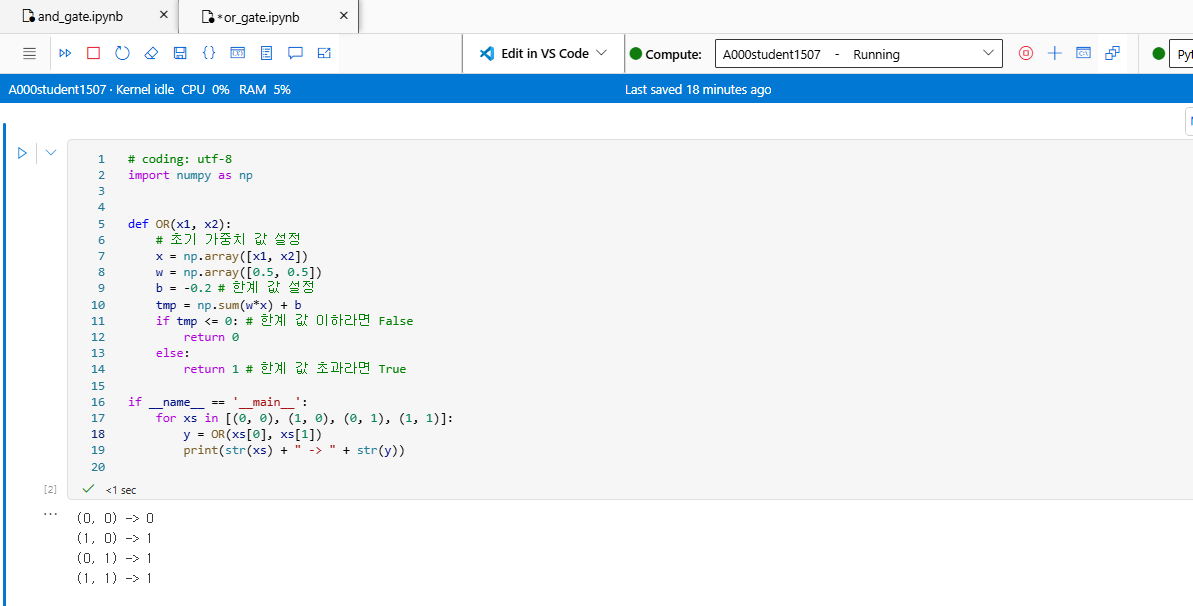
# <오후>

## 인공신경망 기초 이론 및 실습

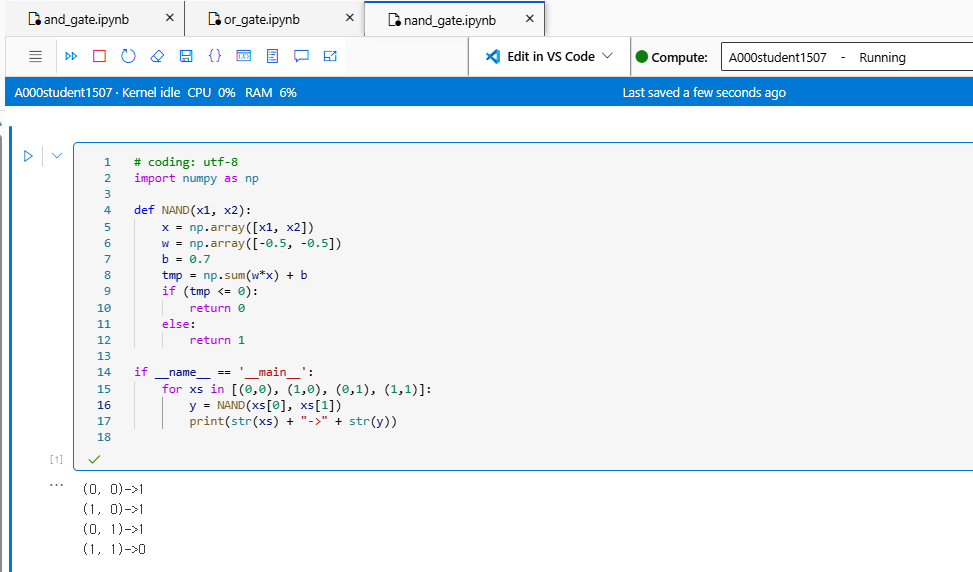
### AND 게이트



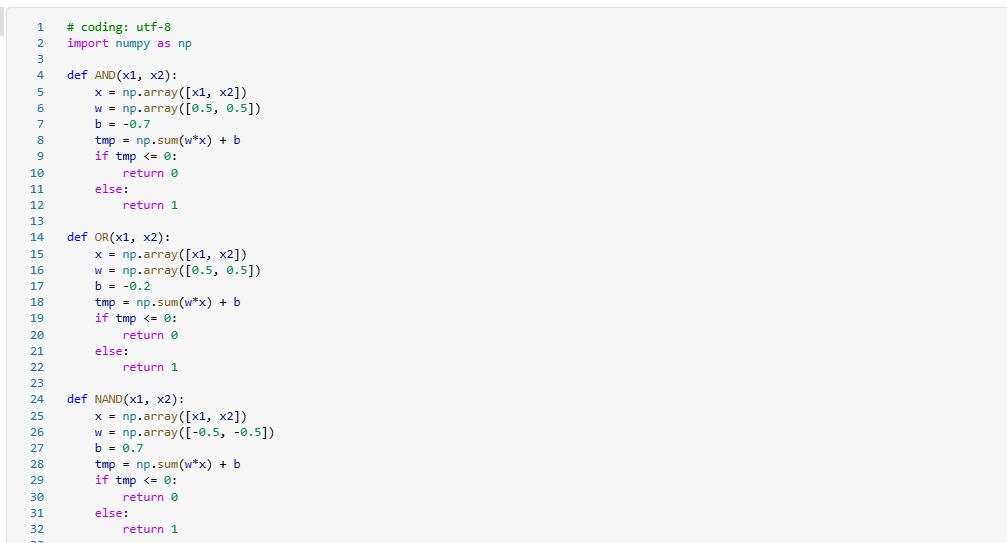
### OR 게이트

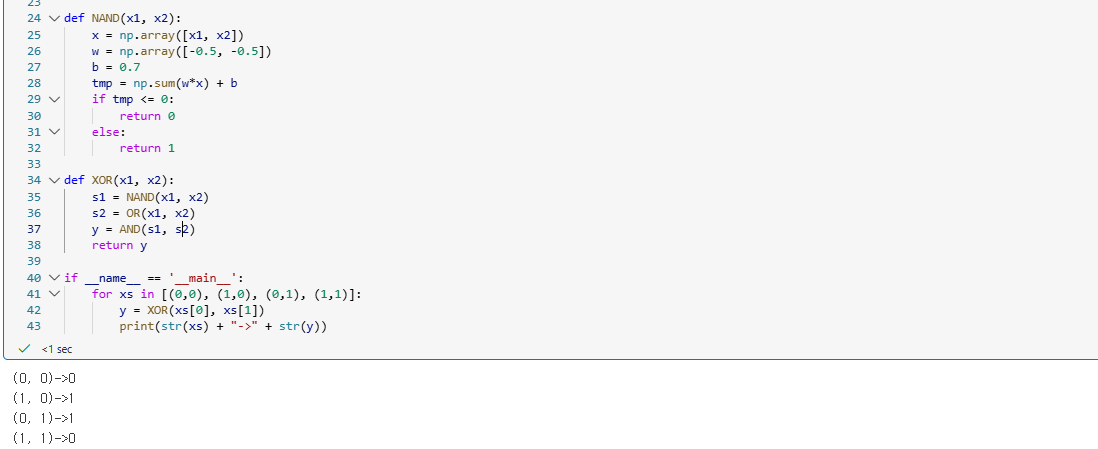


### NAND(Not AND) 게이트



### XOR 게이트

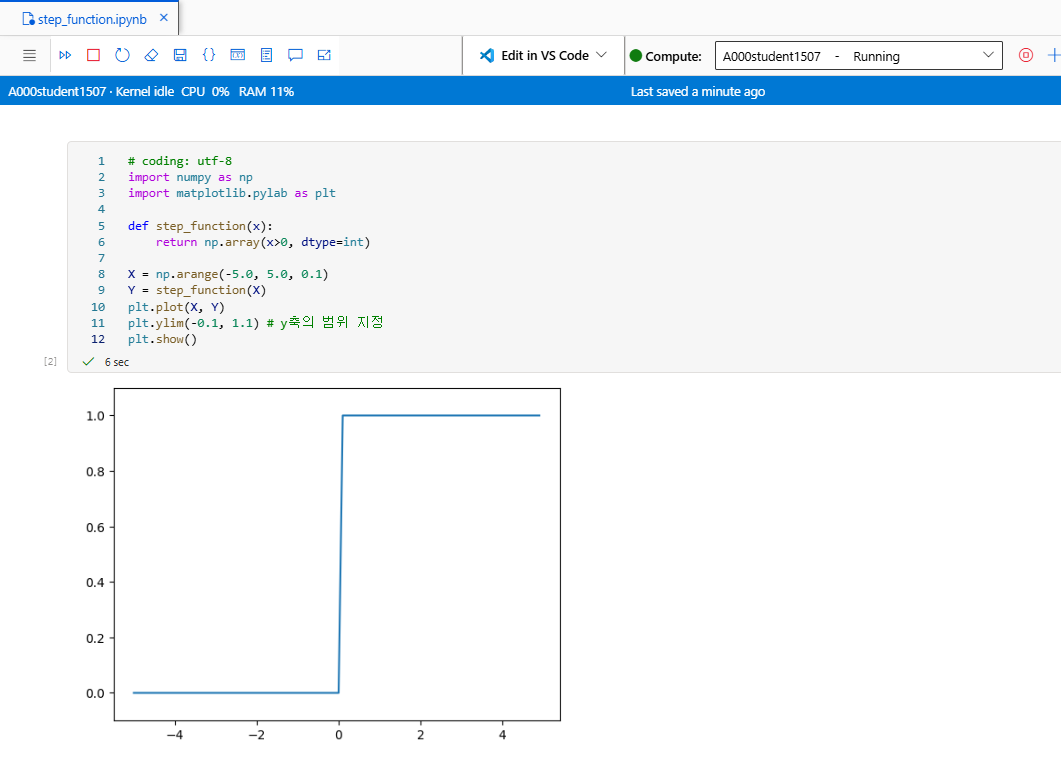




### 활성화 함수(Activation function)의 종류

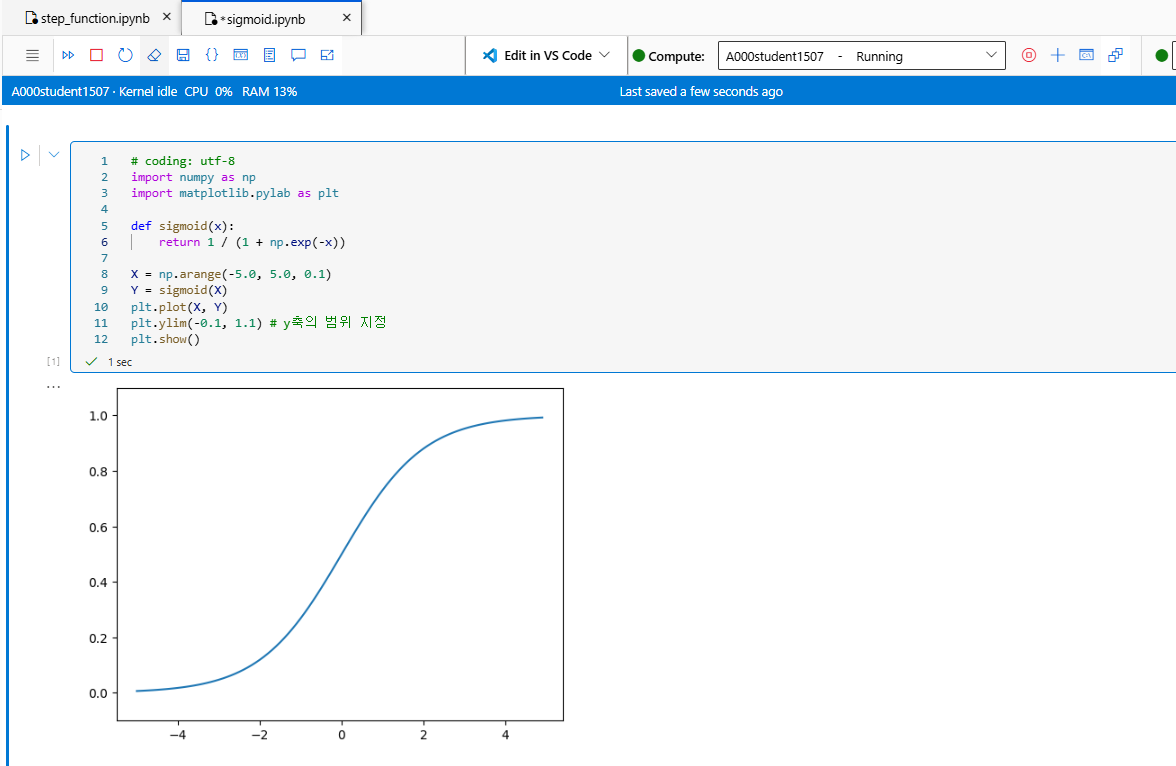
#### Step\_function 함수

x가 0보다 클 경우 1 출력



#### Sigmoid 함수

0을 기점으로 0과 1(True와 False)로 나뉘어 반환시킴



#### Relu 함수

x값이 0 이하는 0이지만 초과한다면 x값에 따라 상승

