

# 자연어처리 프로젝트 1차발표

2조

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2019/April/15

# Python Document Search

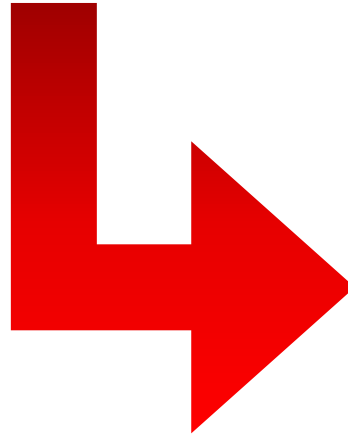
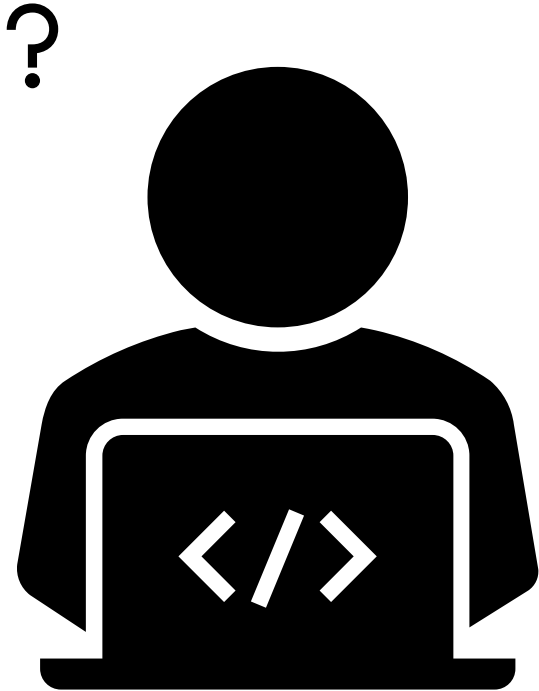
## 파이썬 문서 검색기

# Why Python Document Search

I'm pretty new to Python and only want to extract the city for these clients' addresses:

```
clients = ["Peter, Calle Fantasia 15, Madrid", "Robert, Plaza de Perdas 2,  
Sevilla", "Paul, Calle Polo, Madrid", "Francesco, Plaza de Opo I, Segovia"]
```

Can someone help? Thank you very much in advance!



**stackoverflow**

```
[i.split(',')[ -1].strip() for i in clients]  
# ['Madrid', 'Sevilla', 'Madrid', 'Segovia']
```

Answer URL

<https://docs.python.org/3/tutorial/datastructures.html#list-comprehensions>

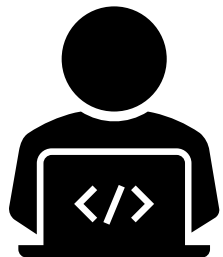
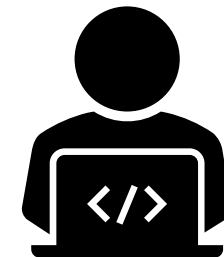
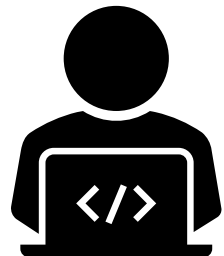
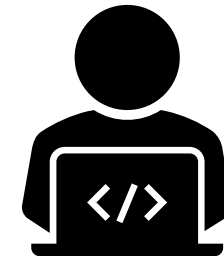
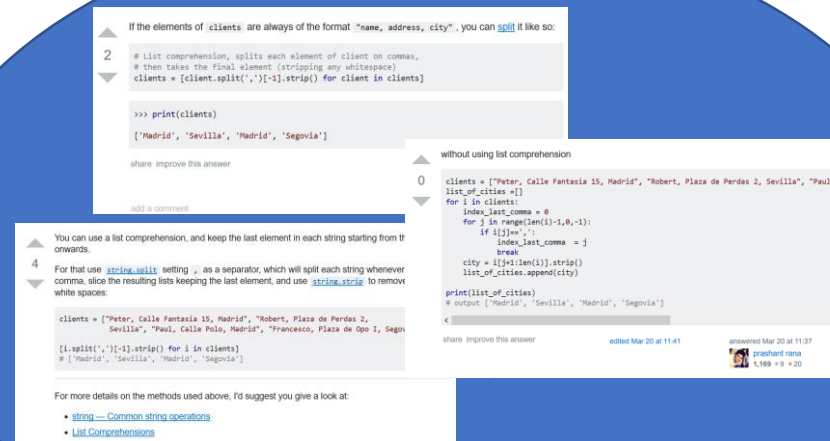
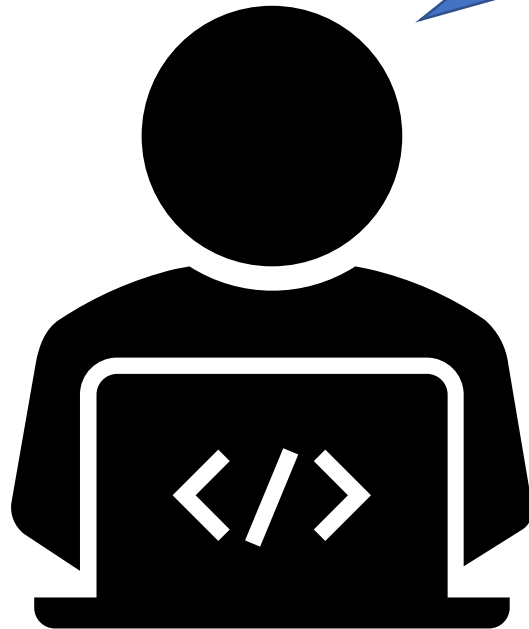
<https://docs.python.org/3/library/stdtypes.html#str.split>

# Goal

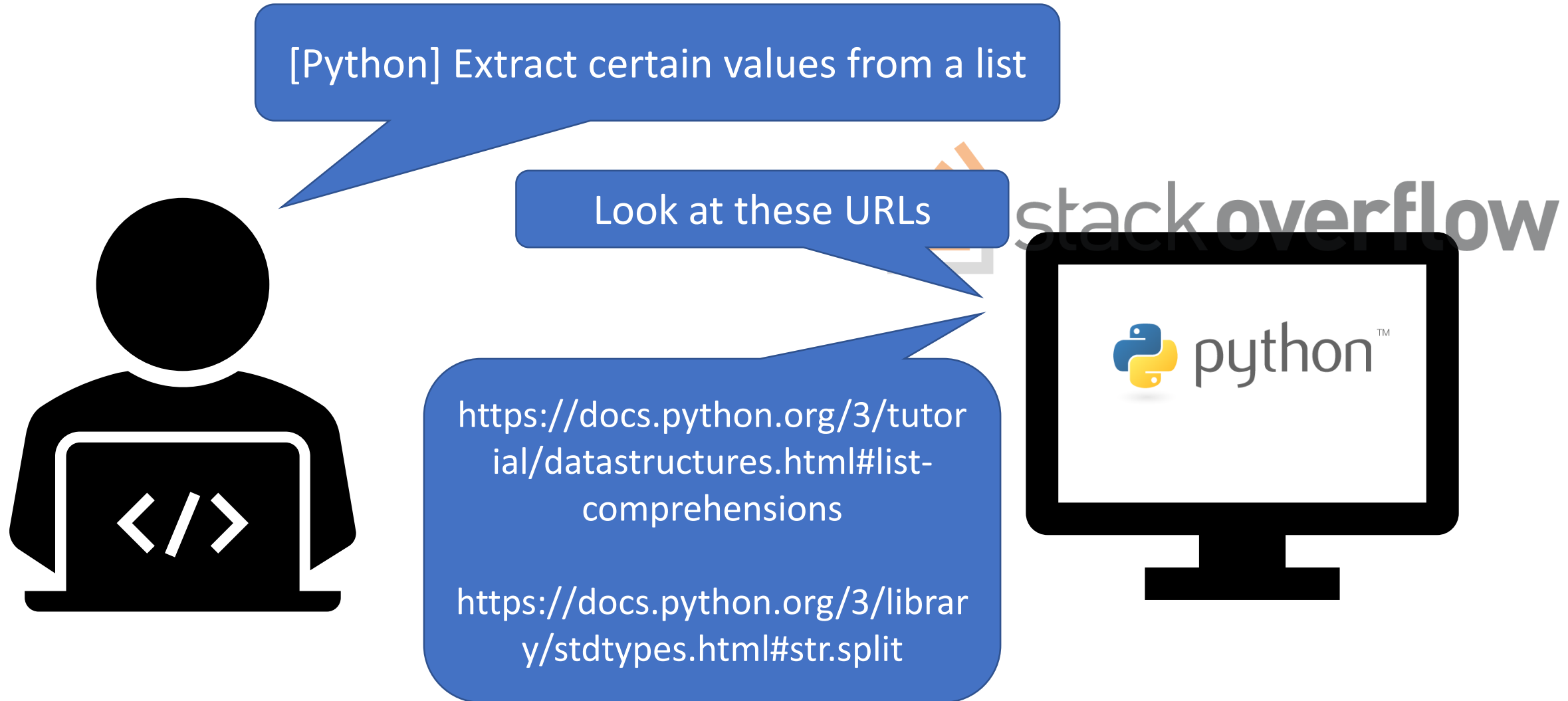
[Python] Extract certain values from a list



stackoverflow



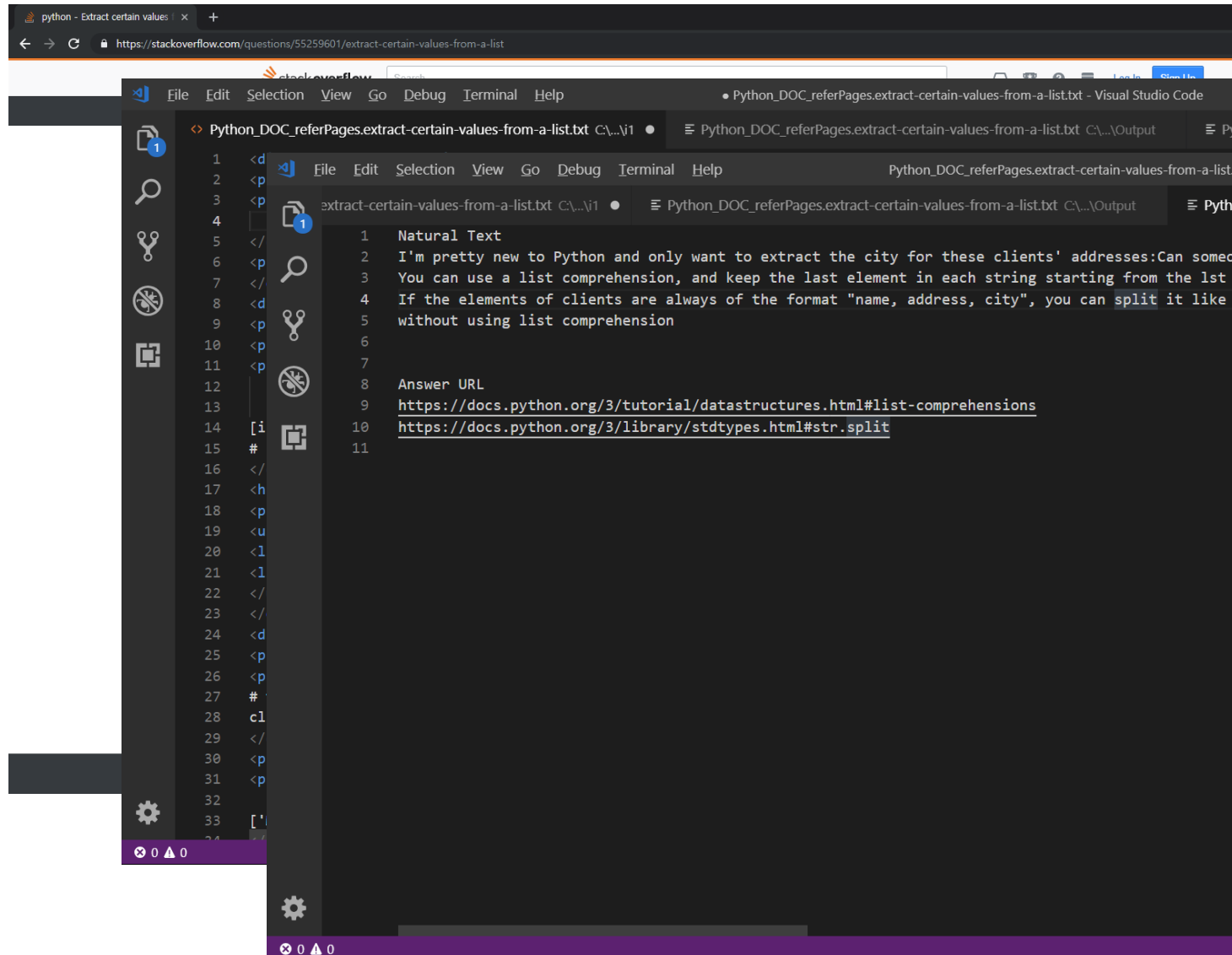
# Goal



# Plan

- 1차
  - 자연어 학습 데이터 수집 및 정답 레이블 부여 (Finished)

# Progress



The image shows a web browser window at the top with the URL <https://stackoverflow.com/questions/55259601/extract-certain-values-from-a-list>. Below it is a Visual Studio Code editor window with the file `Python_DOC_referPages.extract-certain-values-from-a-list.txt` open. The editor shows a Python script that extracts city names from a list of client addresses. The script uses a list comprehension to split each address string by commas and extract the last element, which is the city name.


```
1 <d
2 <p
3 <p
4 [
5 </
6 <p
7 </
8 <d
9 <p
10 <p
11 <p
12 <p
13 [i
14 #
15 </
16 </
17 <h
18 <p
19 <u
20 <l
21 <l
22 </
23 </
24 <d
25 <p
26 <p
27 #
28 cl
29 </
30 <p
31 <p
32
33 ['
34
```

The answer text in the editor is as follows:


```
1 Natural Text
2 I'm pretty new to Python and only want to extract the city for these clients' addresses:Can someo
3 You can use a list comprehension, and keep the last element in each string starting from the 1st
4 If the elements of clients are always of the format "name, address, city", you can split it like
5 without using list comprehension
6
7
8 Answer URL
9 https://docs.python.org/3/tutorial/datastructures.html#list-comprehensions
10 https://docs.python.org/3/library/stdtypes.html#str.split
11
```

## Commits on Apr 11, 2019

### Update Readme.md


 cushionbadak committed 16 hours ago

### [Data mining] Add datas! Finally!


 cushionbadak committed 16 hours ago

## Commits on Apr 8, 2019

### Write and read test

 kmg0512 committed 3 days ago


### Create README.md

 kmg0512 committed 3 days ago


### Numbering Python Doc headerlink

 kmg0512 committed 3 days ago

### get python docs html


 kmg0512 committed 3 days ago

### get response (not work in windows)


 kmg0512 committed 4 days ago

## Commits on Apr 5, 2019

### little change run script

 Ubuntu committed 6 days ago

### run Object2 for 1-100 and 101-200. It works well

 Ubuntu committed 6 days ago

### fixed?

 cushionbadak committed 6 days ago

# Plan

- 1차
  - 자연어 학습 데이터 수집 및 정답 레이블 부여 (Finished)
- 2차
  - 학습 방법을 정해서 학습 및 학습 결과 확인
  - 정량적 평가를 위해 docs.python.org를 활용한 테스트 제작
- 3차 :
  - 학습 속도 및 정확도 향상을 위해 최적화 및 다른 모델 탐색
  - 학습된 내용으로 웹 서비스 제작



Question?

Feedback?

감사합니다