

Assignment details:

Do submit your assignment as a Git repository and please include a README.md file to explain on how to run the application

Some criteria's that we will evaluate upon (in no particular order):

- *Your approach to the problem*
 - *Use of Object Oriented programming, SOLID principles or other programming paradigm*
 - *Clean handling of error & input problem*
 - *Accuracy of the result*
 - *Bonus marks: Can handle input without comma*
-

Please develop a console program to tokenize a free form text into address components

Eg:

Input: No 11, Chendering, 21080 Kuala Terengganu, Terengganu.

Output:

```
{  
  'apt': 'No 11',  
  'section': 'Chendering',  
  'postcode': '21080',  
  'city': 'Kuala Terengganu',  
  'state': 'Terengganu'  
}
```

Keep in mind that:

- *User input can be in any order*
- *User input can contains incomplete address, mean each address component is optional*

Eg:

Input: No 11, Kuala Terengganu, Chendering

Output:

```
{  
  'apt': 'No 11',  
  'section': 'Chendering',  
  'city': 'Kuala Terengganu',  
}
```

Please follow these guidelines:

No	Address components	Remarks
1	{Apt Number}	Starts with “No “ followed by a series of numbers
2	{City}	Matches any of the following: Kuala Terengganu Kuala Lumpur Kajang Bangi Damansara Petaling Jaya Puchong Subang Jaya Cyberjaya Putrajaya Mantin Kuching Seremban
3	{State}	Matches any of the following: Selangor Terengganu Pahang Kelantan Melaka Pulau Pinang Kedah Johor Perlis Sabah Sarawak
4	{Postcode}	Numbers from range of 01000-98859
5	{Street}	Starts with “Jalan ”, “Jln ”, “Lorong ”, “Persiaran”,
6	{Section}	Any other text un-parsable as other components is considered as {section}