

In the name of GOD
Computational Intelligence
Homework 3
Amir H Pirhosseinloo
9531014

requirements:

- language: python3
- libraries: numpy, bokeh
- browser: any

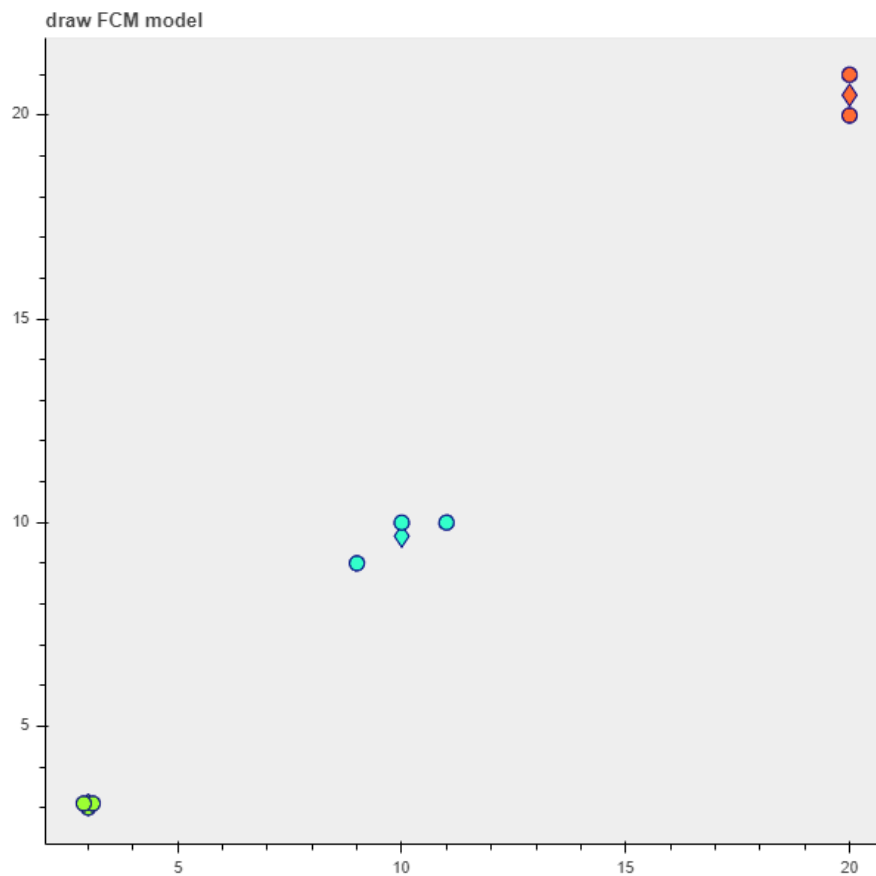
to run the code: python3.5.exe main.py

output: plot.html (only works for 2 dimensional data)

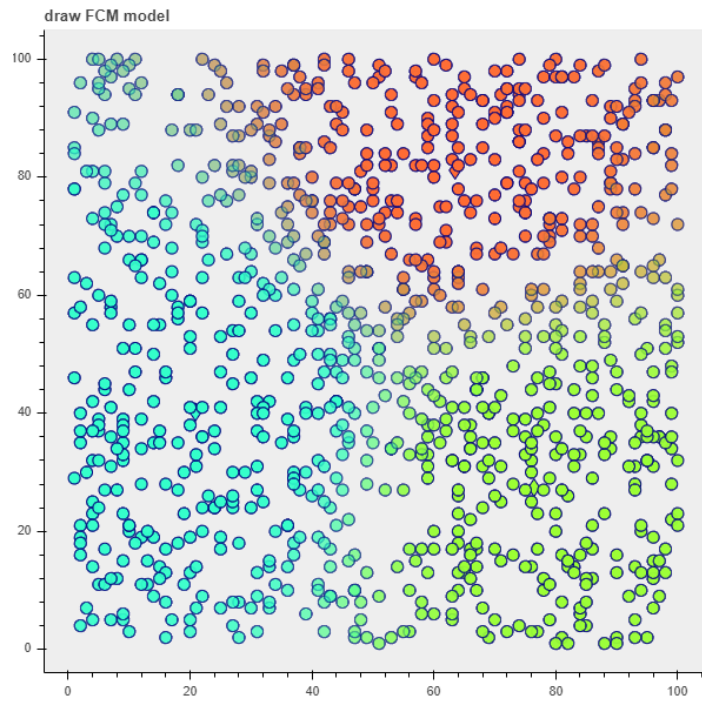
examples:

```
data: [[3, 3], [3.1, 3.1], [2.9, 3.1], [10, 10], [11, 10], [20, 21], [9, 9],  
[20, 20]]
```

output: (clusters = 3)



another example: (clusters = 3)



another one: (clusters = 5)

