Genetic Algorithm & Fuzzy Logic Semester-5 Practical - 10

Name: Shivam Tawari

Roll no: A-58

Aim: Implementation of different defuzzification techniques

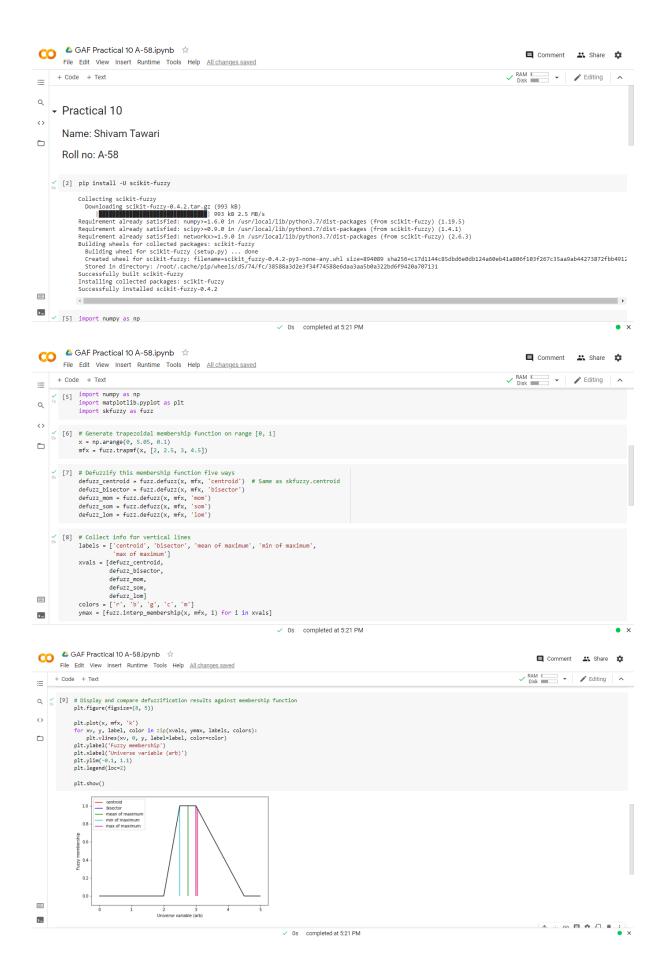
Theory:

What is Defuzzification?

It may be defined as the process of reducing a fuzzy set into a crisp set or to convert a fuzzy member into a crisp member.

We have already studied that the fuzzification process involves conversion from crisp quantities to fuzzy quantities. In a number of engineering applications, it is necessary to defuzzify the result or rather "fuzzy result" so that it must be converted to crisp result. Mathematically, the process of Defuzzification is also called "rounding it off".

Code and Output:



Conclusion: Hence, Implementation of different defuzzification techniques has been successfully.