PRACTICE EXERCISE-1

Consider all the Alphabets [A,B,…..Z] as Uppercase
As given in Example below for Character 'A' , build the feature vector for all Alphabets

1. **Statistical PR – Feature Extraction and Representation using characteristics as given**
2. **Structural PR – Feature Extraction and Representation using notations/symbols**
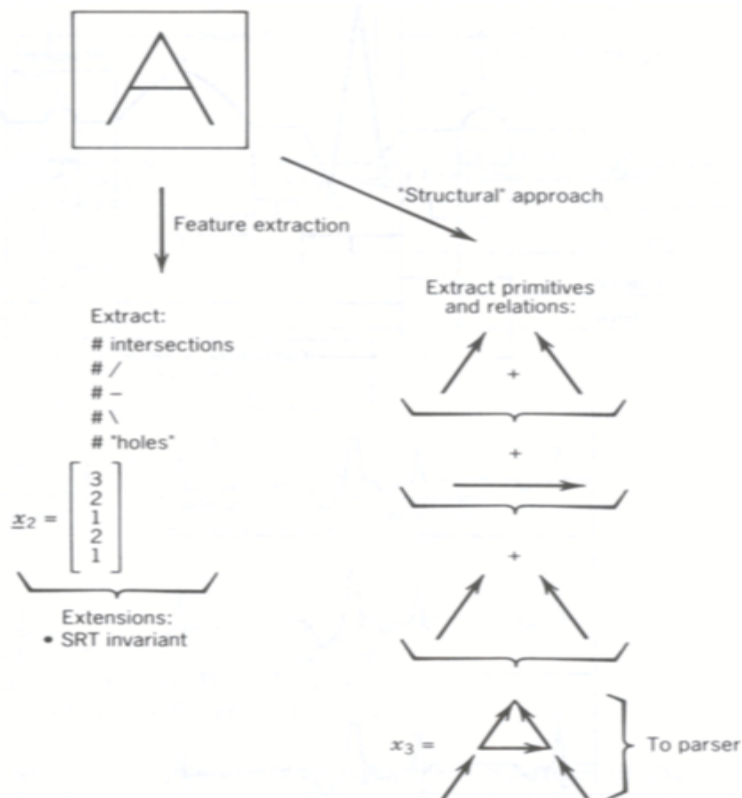
A = [3,2,1,2,1] B=[6,0,3,0,2] C =[…..]

You can build Feature vector as Array, Linked List, List/Dictionary in Python or any other Data structure

For Ex. In Python:

 As List   A = [3,2,1,2,1] for Statistical PR

  As Dictionary   alphabet = { 'A' : '1', 'B' : '2', 'C' : '3', …… }

A = [1,2,3,1,2] for structural PR ,

As List A = ["SlantingUp1" , "SlantingUp2" , "Horizontal", "SlantingUp1" , SlantingUp2"] for Structural PR

Note: You can use 'C' , Python, Java, or any language to implement the above.

        Submit the code in GCR