[['sunny', 'warm', 'normal', 'strong', 'warm', 'same', 'yes'], ['sunny', 'warm', 'high', 'strong', 'warm', 'same', 'yes'], ['rainy', 'cold', 'high', 'strong', 'warm', 'change', 'no'], ['sunny', 'warm', 'high', 'strong', 'cool', 'change', 'yes']]

The total number of training instances are : 4

The initial hypothesis is :

['0', '0', '0', '0', '0', '0']

Instance 1 is ['sunny', 'warm', 'normal', 'strong', 'warm', 'same', 'yes'] and is Positive Instance

The hypothesis for the training instance 1 is: ['sunny', 'warm', 'normal', 'strong', 'warm', 'same']

Instance 2 is ['sunny', 'warm', 'high', 'strong', 'warm', 'same', 'yes'] and is Positive Instance

The hypothesis for the training instance 2 is: ['sunny', 'warm', '?', 'strong', 'warm', 'same']

Instance 3 is ['rainy', 'cold', 'high', 'strong', 'warm', 'change', 'no'] and is Negative Instance Hence Ignored

The hypothesis for the training instance 3 is: ['sunny', 'warm', '?', 'strong', 'warm', 'same']

Instance 4 is ['sunny', 'warm', 'high', 'strong', 'cool', 'change', 'yes'] and is Positive Instance

The hypothesis for the training instance 4 is: ['sunny', 'warm', '?', 'strong', '?', '?']

The Maximally specific hypothesis for the training instance is ['sunny', 'warm', '?', 'strong', '?', '?']