BINDIYA C.M., 4MTI7CS028

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2. For a given set of training data examples stored in a . csv file, implement and demonstrate the Candidate Elemenation algorithm to output a description of the set of all hypothers consistent with the training examples import csv with open ("lab2. csv") of f: csv_file = csv. reader (f) data = 18st (csv file) print (data) S - dota[i][:-i] print (s) 9: [['9' for 1 en range (len(s))] for g en range (len(s))] of :[-1] == "yes": for j in range (len(s)): for j in range (len(s)): if 15]] = 35]: print ("Steps of candidate elemination algorithm", data. Index(1)+1) print (s)

oh. append (1) ac (a) a print ("In Final specific hypothetis: In", s)
print ("In Final general hypothetis: In", gh)

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Outputi-
[[sunny', 'warm', 'normal', 'strong', 'warm', 'same', 'yes']
 ['Sunny', 'warm', 'high', strong', warm', same', 'yes'],
['rany', 'cold', 'heph', 'strong', warm', schange', no'],
    ('sunny', 'warm', 'high', 'strong', 'cool', 'change', 'tel')
 ['sunny', 'warm', 'high', 'strong'; warm', 'same']
 Steps of candidate elimination algorithm 1
 ['Sunny', 'warm', '?', 'strong', 'warm', 'same']
 [191, 191, 191, 191, 191, [191], [191]
 Steps of candidate elimenation algorithm 2
  ['sunny', 'warm', '?', 'strong', 'warm') same']
 [ '9', (9', (9', (9', (9'), [ '9'], [ '9'], (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'), (9'),
    [ 9', 9', 9', 9', 9', 9', 9'], [ 9', '?', 9', 69', 69', 197]
Steps of candidate elemenation algorithm 3
 ['sunny', 'warm', '?', 'strong', warm', 'same']
            scriptions maximally specific hypothess is in
```

```
[['Sunny','?', '?', (?', '?', '?'], ['?', 'warm', ?', '?', (?', (?'))]
[623, 691, 691, 691, 691, 691], [61], [61], [61]
trouble to cortographical regular, whilehold regle cortograffs
 Steps of candidate elemenation algorithm 4
  ('Sunny', 'warm', '?', 'strong', '?', '?')
                                                                                                                                                              les logers
 [['Sunny', (?', (?', (?'), (?'), ['?'], ['?'], warm', (?'), (?'), (?'),
   [ 9, (9, (9, (9), (9), (9)], [ 9, (9), (9),
  Final specific hypothers:
['sunny', boarm', 19', 'strong', '?', '?']
Final general hipotheris:
 [['Sunny', '?', '?', '?', '?', '?'], ['?', 'warm', \?', '?', '?', '?')]
                         The second of th
                                                                          THE THE ADELLIS
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