PAGE NO : 3 DATE : 06/10/20 EXP.NO. : 2 For a given set of teraining data enougher stored in a .csv file, ist strangly is a vie borotes the candidate Elimination algorithm to output a description of the set of all hypotheris considert with the training enamples import csv with open ('c:/vros/lenovo/Desktop / 4MT/605060 - Prajual / enjoys pot. (RV') as B: CAV-file=(SV. readol8) dola : list ( csv - file) print (dala) S = data 2 1] [:-17 print (s) 9 = IE'?' for i in rouge (lan (57)] forj in range (len (s))] for i in data: if i [-1] == "yes": for jin range (leu(s)): if i[j]!= s[j]; 9 [i] = '?'

elif i [-] = = "no":

else:

for i in rouge (len (s)):

if i [ ] ] = S [ ] ] :

[i32 = [i3[i3p

9 [ j] [ j] = "?" ARUN'S

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PAGE NO: 4
DATE :
EXP.NO.: 2
 print ("Steps of condidate climination
 algorithm " A indivation
algorithm ", data inden (i) +1)
10 11001
print (g)
gh = E I
for i in g:
 for i in i:
ib j!='?':
gh. append (i)
break
forint ("In Final specific hypothesis: In", 8)
print (" In Final general hypothesis: In", gh)
THE PROPERTY AND AND AND AND ADDRESS OF THE PERSON OF THE
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THE TOWN OF THE PARTY OF THE PA
ARUN'S —

```
output:
[ Eschind, 'macon, 'strong, 'strong, 'moon, 'same, 'Asi]
 ['sound', 'wow, 'high', 'Strong', 'wown', 'some'z 'go']
 ['or', 'cold', 'high', 'strong', 'woon, 'change, 'is)
['samy', 'worm', 'wigh', 'strong', 'wool', 'change', 'ges']
 L'suny', 'coorn', 'wigh', 'strong', 'coorn', 'same']
 Steps of Candidak clinivation algorithm!
 ['sound', 'sound', '?', 'strong', 'worm', somi]
 Steps of candidate elimination algorithma:
  [ Scrim', 'strong', 'strong', 'somi
 [['?','?','?','?'], ['?','?','?','?','?']
   ['?','?','?','?'], ['?','?','?','?','?']
```

Sky of candidak elimination algorithm 3. ['suny', 'worm', 's', 'strong', 'worm', 'same'] Stells of candidale climination algorithm 4: ['Samy', 'warm', '?', 'Strong', '?', '?'] [['s', 's', '?', '?', '?'],
['?', 's', 's', '?'], E,5,1,5,1,5,1,6,1, [6,1,6,1,6,1,6,1,6,1,6,1,6,1,6,1] Final general hypothesis ['sumy', 'evosum', '?', 'strong', '2', '?'] Final general hypotheris: [E' 3cmy', '?', '?', '?', '?'], ['?', 'coom', (?), (?), (?) (?) [?]