Page No. 2

7	
a .	For a given set of training data examples stored in a cesu
	file implement and demonstrate the candidate Elimination
	algorithm to output a description of the set of au
	hypothesis consistent with the training examples.
	import csv
	with open ('c: Users/hp/Desktop/4MT17C5005_Abigail/laba.csv')ast:
	CSV-file = CSV-reader(f)
	data = list (sv-file)
	print (data)
	S = data[1][:-1]
	print(s)
	g=[['?' for i in range(len(s))] for j in range(len(s))]
	for i in data:
1	1f 1(-1] = = "Ycs";
	for ; in range (len(s)):
	if i(j); s(j):
	S(i) = '?'
	g[j][j]='?'
	elif [[-]] = "no":
4	for j in range (len(s)):
	: F 1(j) 1 = 5(j):
8	વાંગાંગ = કાંગ
	else:
	g[j][j] = "?"
	brint l' Steps of candidate elimination algorithm", data index (i)+1
	print(s)
	print (g)
	qh=L]
	Teacher's Signature :

```
Output:
```

```
[ [sound, 'manus, 'hidp, 'zhoud, 'manus, 'zawe, 'hai]

[ zound, 'manus, 'hidp, 'zhoud, 'manus, 'chaude, 'hai]

[ zound, 'manus, 'hudp, 'zhoud, 'manus, 'chaude, 'hai]

[ [sound, 'manus, 'hudp, 'zhoud, 'manus, 'chaude, 'hai]
```

Eteps of candidate etimination algorithm I:

['sunny', 'warm', 'high', 'strong', 'warm', 'same']

['sunny', 'warm', 'j', 'strong', 'warm', 'same']

[, 5, ', 5, ', 5, ', 5, ', 5,] ' [, 5, ', 5, ', 5, ', 5, ', 5, ', 5, ', 5, ', 5, ', 5, ', 5,]]

[, 5, ', 5, ', 5, ', 5, ', 5, ', 5,] ' [, 5, ', 5, ', 5, ', 5, ', 5, ', 5, ', 5,]'

[, 5, ', 5, ', 5, ', 5, ', 5,] ' [, 5, ', 5, ', 5, ', 5, ', 5, ', 5, ', 5,]'

Stepts of candidate elimination algorithm a:

Steps of candidate elimination algorithm 3:

Steps of candidate elimination algorithm 4:

[, 20 usd, ', coonus, ', i, ', (2) teared, ', i, ', i,]

Final Specific hypothesis

['Sunny', 'warm', '?', 'Shong', ';', '?']

Final general hypothesis:

[[, sound, ', ;, ', i, ', i, ', i, ', i,] '[, i, ', manu, ', i, ', i, ', i, i]]