

```

import csv

with open("3.csv") as f:
    csv_file = csv.reader(f)
    data = list(csv_file)

    specific = data[1][:-1]
    general = [['?' for i in range(len(specific))] for j in
range(len(specific))]

    for i in data:
        if i[-1] == "Yes":
            for j in range(len(specific)):
                if i[j] != specific[j]:
                    specific[j] = "?"
                    general[j][j] = "?"

            elif i[-1] == "No":
                for j in range(len(specific)):
                    if i[j] != specific[j]:
                        general[j][j] = specific[j]
                    else:
                        general[j][j] = "?"

    print("\nStep " + str(data.index(i)+1) + " of Candidate Elimination
Algorithm")
    print(specific)
    print(general)

gh = [] # gh = general Hypothesis
for i in general:
    for j in i:
        if j != '?':
            gh.append(i)
            break
print("\nFinal Specific hypothesis:\n", specific)
print("\nFinal General hypothesis:\n", gh)

```