```python
import pandas as pd
import numpy as np


#to read the data in the csv file
data = pd.read_csv("enjoysport.csv")
print(data)
```

```
          Time Weather Temperature Company Humidity    Wind Goes
    0  Morning   Sunny        Warm     Yes     Mild  Strong  Yes
    1  Evening   Rainy        Cold      No     Mild  Normal   No
    2  Morning   Sunny    Moderate     Yes   Normal  Normal  Yes
    3  Evening   Sunny        Cold     Yes     High  Strong  Yes
```

Double-click (or enter) to edit

```python
#making an array of all the attributes
d = np.array(data)[:,:-1]
print("The attributes are: ",d)
```

```
    The attributes are:  [['Morning' 'Sunny' 'Warm' 'Yes' 'Mild' 'Strong']
     ['Evening' 'Rainy' 'Cold' 'No' 'Mild' 'Normal']
     ['Morning' 'Sunny' 'Moderate' 'Yes' 'Normal' 'Normal']
     ['Evening' 'Sunny' 'Cold' 'Yes' 'High' 'Strong']]
```

```python
#segragating the target that has positive and negative examples
target = np.array(data)[:,-1]
print("n The target is: ",target)
```

```
    n The target is:  ['Yes' 'No' 'Yes' 'Yes']
```

```python
def train(c,t):
    for i, val in enumerate(t):
        if val == "Yes":
            specific_hypothesis = c[i].copy()
            break

    for i, val in enumerate(c):
        if t[i] == "Yes":
            for x in range(len(specific_hypothesis)):
                if val[x] != specific_hypothesis[x]:
                    specific_hypothesis[x] = '?'
                else:
                    pass

    return specific_hypothesis
```

```python
print("The final hypothesis is:",train(d,target))
```

```
    The final hypothesis is: ['?' 'Sunny' '?' 'Yes' '?' '?']
```