

EXPERIMENT 1:

```
# Training data
data = [
    ['Sunny', 'Warm', 'Yes'],
    ['Sunny', 'Cold', 'Yes'],
    ['Rainy', 'Warm', 'NO']
]

# Initialize hypothesis
hypothesis = None

# Find-S Algorithm
for row in data:
    if row[-1] == 'Yes': # Consider only positive examples
        if hypothesis is None:
            hypothesis = row[:-1] # Initialize with first positive example
        else:
            for i in range(len(hypothesis)):
                if hypothesis[i] != row[i]:
                    hypothesis[i] = '?'
```

Output

Most Specific Hypothesis: ['Sunny', '?']

==== Code Execution Successful ====