EX 1

CODE:

```
        data = [
    ['Sunny', 'Warm', 'Yes'],
    ['Sunny', 'Cold', 'Yes'],
    ['Rainy', 'Warm', 'No']
]

hypothesis = None

for row in data:
    if row[-1] == 'Yes':
        if hypothesis is None:
            hypothesis = row[:-1]
        else:
            for i in range(len(hypothesis)):
                if hypothesis[i] != row[i]:
                    hypothesis[i] = '?'

print("Most Specific Hypothesis:", hypothesis)
```

OUTPUT

main.py

Share Run

```
data = [
    ['Sunny', 'Warm', 'Yes'],
    ['Sunny', 'Cold', 'Yes'],
    ['Rainy', 'Warm', 'NO']
]
hypothesis = None
for row in data:
    if row[-1] == 'Yes':
        if hypothesis is None:
            hypothesis = row[:-1]
        else:
            for i in range(len(hypothesis)):
                if hypothesis[i] != row[i]:
                    hypothesis[i] = '?'
print("Most Specific Hypothesis:", hypothesis)
```

Output Clear

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

=== Code Execution Successful ===
```