EXPERIMENT – 1

PROGRAM:

```python
import numpy as np

data = []

num_attributes = int(input("Enter number of attributes: "))

print("Enter training data:")

for _ in range(int(input("Number of examples: "))):

    data.append(input().split())

specific_h = ['0'] * num_attributes

for example in data:

    if example[-1] == 'Yes':

        for i in range(num_attributes):

            if specific_h[i] == '0':

                specific_h[i] = example[i]

            elif specific_h[i] != example[i]:

                specific_h[i] = '?'

print("Most specific hypothesis:", specific_h)
```