Write the python program to implement Decision Tree.

```
ata = [
    [2.7, 2.5, "A"],
    [1.3, 3.5, "A"],
    [3.1, 4.0, "B"],
    [3.8, 2.8, "B"],

ef predict(sample):
    return "A" if sample[0] < 3 else "B"
est_samples = [
    [2.0, 3.0, "A"],
    [3.5, 3.2, "B"]

orrect = 0
or sample in test_samples:
    if predict(sample) == sample[2]:
        correct += 1
ccuracy = correct / len(test_samples)
rint("Accuracy:", accuracy)
```

```
Python 3.13.3 (tags/v3.13.3:6280bb5, Apr  8 2025, 14:4
64 bit (AMD64)] on win32
Enter "help" below or click "Help" above for more info
>>>
= RESTART: C:\Users\ROJAYADAV\AppData\Local\Programs\P
cision.py
Accuracy: 1.0
>>>
```