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1 C:\Users\Lenovo\Desktop\correlation-sport\venv\
  Scripts\python.exe "C:/Users/Lenovo/Dropbox/My PC (
  DESKTOP-BHVANOA)/Desktop/correlation-sport/numeric.py
  "
2 List1 Dictionary = {'NFL': 20, 'NBA': 17, 'NHL': 13
  }
3 List2 Dictionary = {'Yes': 22, 'No': 28}
4 -----
5 keys_list1 = ['NFL', 'NBA', 'NHL']
6 key_list2 = ['Yes', 'No']
7 -----
8 values_list1 = [20, 17, 13]
9 value_list2 = [22, 28]
10 -----
11 Contingency Table (1):
12           Yes  No  sum 2
13 NFL         0   0    0
14 NBA         0   0    0
15 NHL         0   0    0
16 sum 1       0   0   50
17 -----
18 Contingency Table (2):
19           Yes  No  sum 2
20 NFL         0   0   20
21 NBA         0   0   17
22 NHL         0   0   13
23 sum 1      22  28   50
24 -----
25 Contingency Table (3):
26           Yes  No  sum 2
27 NFL         6  14   20
28 NBA        15   2   17
29 NHL         1  12   13
30 sum 1      22  28   50
31 -----
32 Expected Table:
33           Yes    No
34 NFL    8.80  11.20
35 NBA    7.48   9.52
36 NHL    5.72   7.28
37 -----

```

```
38 X2 = 22.04633601692425
39 Critical Value X2 = 5.991464547107979
40 -----
41 Dependent (H1 is accepted)
42
43 Process finished with exit code 0
44
```