In [22]:
```
import pandas as pd
import numpy as np

# Creating a dummy DataFrame of 15 random ages ranging from 1-100
df = pd.DataFrame({'Age': [42, 15, 67, 55, 1, 29, 75, 89, 4, 10, 15, 38, 22, 7

# Printing DataFrame Before sorting Continuous to Categories
print("Before: \n")
print(df)

# Categorizing Age into 4 Categories
df['Label'] = pd.cut(
    x=df['Age'],
    bins=[0, 3, 17, 63, 99],
    labels=['Baby/Toddler', 'Child', 'Adult', 'Elderly']
)

# Printing DataFrame after sorting Continuous to Categories
print("After: \n")
print(df)

# Check the number of values in each bin
print("Categories: \n")
print(df['Label'].value_counts())
```

```
Before:

    Age
0    42
1    15
2    67
3    55
4     1
5    29
6    75
7    89
8     4
9    10
10   15
11   38
12   22
13   77
After:

    Age         Label
0    42         Adult
1    15         Child
2    67       Elderly
3    55         Adult
4     1  Baby/Toddler
5    29         Adult
6    75       Elderly
7    89       Elderly
8     4         Child
9    10         Child
10   15         Child
11   38         Adult
12   22         Adult
13   77       Elderly
Categories:

Adult           5
Child           4
Elderly         4
Baby/Toddler    1
Name: Label, dtype: int64
```

In [ ]: