In [1]:
```
E = {0, 2, 4, 6, 8}
N = {1, 2, 3, 4, 5}

union = E | N
intersection = E & N
difference = E - N
symmetric_difference = E ^ N


print(f"Union of E and N is {union}")
print(f"Intersection of E and N is {intersection}")
print(f"Difference of E and N is {difference}")
print(f"Symmetric difference of E and N is {symmetric_difference}")
```

```
Union of E and N is {0, 1, 2, 3, 4, 5, 6, 8}
Intersection of E and N is {2, 4}
Difference of E and N is {0, 8, 6}
Symmetric difference of E and N is {0, 1, 3, 5, 6, 8}
```

In [ ]: