In [1]:
```
students_list = ['A','A','B','C','C','E','N']
```

In [2]:
```
students_set = set(students_list)
print(students_set)
```

```
{'N', 'A', 'C', 'B', 'E'}
```

In [3]:
```
print(type(students_set))
```

```
<class 'set'>
```

In [4]:
```
students_list_2 = ['A','N','F','N','G','A']
```

In [5]:
```
students_set_2 = set(students_list_2)
```

In [6]:
```
print(students_set.intersection(students_set_2))
```

```
{'N', 'A'}
```

In [7]:
```
print(students_set.union(students_set_2))
```

```
{'N', 'C', 'A', 'F', 'B', 'E', 'G'}
```

In [8]:
```
print(students_set.difference(students_set_2))
```

```
{'E', 'C', 'B'}
```

In [9]:
```
print(students_set.symmetric_difference(students_set_2))
```

```
{'C', 'F', 'B', 'E', 'G'}
```