In [5]:

```
# set of integers
my_set = {1, 2,2,4, 3,3}
print(my_set)

# set of mixed datatypes
my_set = {1.0, "Hello", (1, 2, 3)}
print(my_set)
```

```
{1, 2, 3, 4}
{'Hello', 1.0, (1, 2, 3)}
```

In [6]:

```
my_set.add(9) #add any value
my_set
```

Out[6]:

```
{'Hello', 1.0, 9, (1, 2, 3)}
```

In [7]:

```
my_set.update([2,3,4])
my_set
```

Out[7]:

```
{'Hello', 1.0, 2, 3, 4, 9, (1, 2, 3)}
```

In [8]:

```
my_set.discard(4) #remove any value
print(my_set)
```

```
{'Hello', 1.0, 2, 3, 9, (1, 2, 3)}
```

In [9]:

```
A = {1, 2, 3, 4, 5}
B = {4, 5, 6, 7, 8}

# use | operator i.e UNION
# Output: {1, 2, 3, 4, 5, 6, 7, 8}
print(A | B)
```

```
{1, 2, 3, 4, 5, 6, 7, 8}
```

In [10]:

```
# initialize A and B
A = {1, 2, 3, 4, 5}
B = {4, 5, 6, 7, 8}

# use & operator i.e INTERSECTION
# Output: {4, 5}
print(A & B)
```

```
{4, 5}
```