```python
In [ ]:    # add

In [1]:    fruits = {'apple','grapes','mango'}

In [2]:    type(fruits)
Out[2]:  set

In [6]:    fruits.add('orange')
           print(fruits)
```
{'orange', 'apple', 'mango', 'grapes'}

```python
In [7]:    # discard()
           fruits.discard("mango")
           print(fruits)
```
{'orange', 'apple', 'grapes'}

```python
In [13]:   # union
           fruits = {'apple','grapes','mango'}
           color = {'red','green','yellow','mango'}

           final = fruits.union(color)
           print(final)
```
{'apple', 'red', 'yellow', 'mango', 'grapes', 'green'}

```python
In [21]:   # intersection
           fruits = {'apple','grapes','mango'}
           color = {'red','green','yellow','mango'}

           final1 = fruits.intersection(color)
           print(final1)
```
{'mango'}

```python
In [23]:   # difference
           fruits = {'apple','grapes','mango'}
           color = {'red','green','yellow','mango'}

           final2 = fruits.difference(color)
           print(final2)
```
{'apple', 'grapes'}

```
In [39]:   1  # comparision
           2
           3  set1 = {1,2}
           4  set2 = {1,2,3}
           5
           6  set1<set2
```

Out[39]: True

```
In [27]:   1  # sorted
           2
           3  color = {'red','green','yellow','mango'}
           4  sorted_color = sorted(color)
           5  print(sorted_color)
```

['green', 'mango', 'red', 'yellow']

```
In [ ]:   1
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In [ ]:   1
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In [ ]:   1
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In [ ]:   1
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In [ ]:   1
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In [ ]:   1
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