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In [5]: #set = collection which is unordered, unindexed. no duplicate values
untensils = {'frok','spoon','knife'}
print(untensils)

{'knife', 'frok', 'spoon'}
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In [11]: #print all element
for i in untensils:
    print(i)

knife
frok
spoon
```

```
In [12]: #example of no duplicate values
untensils = {'frok','spoon','knife','knife'}
print(untensils)

{'knife', 'frok', 'spoon'}
```

```
In [13]: #the func of sets
#the add func
untensils.add('napkin')
print(untensils)

{'napkin', 'knife', 'frok', 'spoon'}
```

```
In [14]: #the remove func
untensils.remove('spoon')
print(untensils)

{'napkin', 'knife', 'frok'}
```

```
In [15]: #the clear func that clear the set
untensils.clear()
print(untensils)

set()
```

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In [17]: untensils = {'frok','spoon','knife'}
dishes = {'bowl','plate','cup'}
#the update func that add set in to a set
untensils.update(dishes)
print(untensils)

{'plate', 'bowl', 'frok', 'cup', 'knife', 'spoon'}
```

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In [18]: #another way
dinner_table = untensils.union(dishes)
print(dinner_table)

{'plate', 'bowl', 'knife', 'spoon', 'frok', 'cup'}
```

```
In [19]: untensils = {'frok','spoon','knife'}
dishes = {'bowl','plate','cup','spoon'}
#the difference func
print(untensils.difference(dishes))

{'frok', 'knife'}
```

```
In [20]: #the intersection func
print(untensils.intersection(dishes))

{'spoon'}
```

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In [ ]:
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