

Set.remove() 無法刪除不再集合內的資料。

Set.discard() 如預刪除不再集合內資料，不會錯誤。

```
Set = {1, 2, 3}
```

```
A = {2, 3, 4}
```

```
print(Set)
```

```
Set.discard(4)
```

```
print(Set)
```

```
Set.remove(4)
```

```
runfile('C:/Users/word4/Documents/學校/Python/課堂練習/b10702057-課堂練習  
7-7.py', wdir='C:/Users/word4/Documents/學校/Python/課堂練習')
```

```
{1, 2, 3}
```

```
{1, 2, 3}
```

Traceback (most recent call last):

File "<ipython-input-11-1bf7fb0c5caf>", line 1, in <module>

runfile('C:/Users/word4/Documents/學校/Python/課堂練習/b10702057-課堂  
練習 7-7.py', wdir='C:/Users/word4/Documents/學校/Python/課堂練習')

File "C:\Users\word4\Anaconda3\lib\site-  
packages\spyder\_kernels\customize\spydercustomize.py", line 827, in runfile  
execfile(filename, namespace)

File "C:\Users\word4\Anaconda3\lib\site-  
packages\spyder\_kernels\customize\spydercustomize.py", line 110, in execfile  
exec(compile(f.read(), filename, 'exec'), namespace)

File "C:/Users/word4/Documents/學校/Python/課堂練習/b10702057-課堂練習  
7-7.py", line 6, in <module>

```
Set.remove(4)
```

KeyError: 4

Set.difference(A) Set 跟 A 做差集 指令

Set.difference\_update(A) Set 跟 A 做差集指令並回傳至 Set

```
Set = {1, 2, 3}
```

```
A = {2, 3, 4}
```

```
print(Set.difference(A))
```

```
print(Set)
```

```
Set.difference_update(A)
```

```
print(Set)
```

```
runfile('C:/Users/word4/Documents/學校/Python/課堂練習/b10702057-課堂練習  
7-7.py', wdir='C:/Users/word4/Documents/學校/Python/課堂練習')
```

```
{1}
```

```
{1, 2, 3}
```

```
{1}
```

Set.intersection(A) Set 跟 A 做聯集 指令

Set.intersection\_update(A) Set 跟 A 做聯集指令並回傳至 Set

```
Set = {1, 2, 3}
```

```
A = {2, 3, 4}
```

```
print(Set.intersection(A))
```

```
print(Set)
```

```
Set.intersection_update(A)
```

```
print(Set)
```

```
runfile('C:/Users/word4/Documents/學校/Python/課堂練習/b10702057-課堂練習  
7-7.py', wdir='C:/Users/word4/Documents/學校/Python/課堂練習')
```

```
{2, 3}
```

```
{1, 2, 3}
```

```
{2, 3}
```

Set.union(A) Set 跟 A 做交集 指令

Set.update(A) Set 跟 A 做交集指令並回傳至 Set

```
Set = {1, 2, 3}
```

```
A = {2, 3, 4}
```

```
print(Set.union(A))
```

```
print(Set)
```

```
Set.update(A)
```

```
print(Set)
```

```
runfile('C:/Users/word4/Documents/學校/Python/課堂練習/b10702057-課堂練習  
7-7.py', wdir='C:/Users/word4/Documents/學校/Python/課堂練習')
```

```
{1, 2, 3, 4}
```

```
{1, 2, 3}
```

```
{1, 2, 3, 4}
```