

```
In [1]: s1=set()  
print(s1)
```

```
set()
```

```
In [2]: s2={'hello','hi','vanakkam','always'}  
print(s2)
```

```
{'always', 'hi', 'vanakkam', 'hello'}
```

```
In [3]: s3={'tony','steve','peter'}  
print(s3)
```

```
{'steve', 'peter', 'tony'}
```

```
In [4]: print(s2)  
print(s3)
```

```
{'always', 'hi', 'vanakkam', 'hello'}  
{'steve', 'peter', 'tony'}
```

```
In [5]: print(s2.union(s3))  
print(s2.intersection(s3))  
print(s2.difference(s3))  
print(s3.difference(s2))
```

```
{'always', 'hi', 'vanakkam', 'steve', 'peter', 'tony', 'hello'}  
set()  
{'hi', 'always', 'vanakkam', 'hello'}  
{'steve', 'peter', 'tony'}
```

```
In [ ]:
```