In [2]:
```python
s1=set()
print(s1)
```

```
set()
```

In [6]:
```python
s2={"bala","vino","jai","bala"}
print(s2)
```

```
{'vino', 'jai', 'bala'}
```

In [7]:
```python
s3={"jai","muthu","sanj"}
print(s3)
```

```
{'jai', 'muthu', 'sanj'}
```

In [9]:
```python
print(s2)
print(s3)
```

```
{'vino', 'jai', 'bala'}
{'jai', 'muthu', 'sanj'}
```

In [10]:
```python
print(s2.union(s3))
print(s2.intersection(s3))
print(s2.difference(s3))
print(s3.difference(s2))
```

```
{'vino', 'jai', 'bala', 'muthu', 'sanj'}
{'jai'}
{'vino', 'bala'}
{'muthu', 'sanj'}
```

In [ ]: