

### Set

A set is a collection which is unordred and unindexed in a way that we cannot be sure in which order the items will appear.

### Set example

```
R_YB_color = {"Red" ,"Yellow", " Blue"}
print( R_YB_color)
>>> {'Red' , 'Yellow' , 'Blue'}
```

### Access Items

```
for x in R_YB_color:
print(x)
>>> Red
>>> Yellow
>>> Blue
```

### Change Items

Since a set is not ordererd neither indexed, then we cannot acces to any item to change its value.

### Add Items

```
R_YB_color.add( " White")
print( R_YB_color)
>>> " Red " ,"White " ,"Ye llo w", "Blue "
```

### Get the Length of a Set

```
print( le n(R_YB_color))
>>> 3
```

### Delete a set

```
del R_YB_color
```

### Remove Item

```
R_YB_color.remove( " Yellow ")
print( R_YB_color)
>>> {'Red' , 'Blue'}
```

### Join Two Sets

```
Second_color = {"Green " ,"Orange", "Purple"}
Color = R_YB_color.union (Secon d_color)
print( Color)
>>> {'Yellow' , 'Orange' , 'Red' , 'Green', 'Blue' , 'Purple'}
```

