





1 2 1 4 3 # => {1, 3, 4, 2}

"apple" "orange" "apple" "pear" "banana"

# => 4

'orange' in # => True

''cragrass'' in #=> False

for *in*



print

print

#=>pear/banana/apple/orange/







Why not {}?

# Common Set Operations

```
empty_set = set()
```

```
set_from_list = set([1, 2, 1, 4, 3]) # => {1, 3, 4, 2}
```

```
basket = {"apple", "orange", "apple", "pear", "banana"}
```

```
len(basket) # => 4
```

```
"orange" in basket # => True
```

```
"crabgrass" in basket # => False
```

$O(1)$  membership testing

```
for fruit in basket:
```

```
    print(fruit, end='/')
```

```
# => pear/banana/apple/orange/
```

# Common Set Operations