

Find the range using set() Constructor

```
s = set(range(1,10))  
print(s) # {1, 2, 3, 4, 5, 6, 7, 8, 9}
```

without set comprehension

```
for i in set(range(1,10)):  
    print(i**2, end = ' ') # 1 4 9 16 25 36 49 64 81
```

with set comprehension

Syntax:

[expression for item in iterable]

```
squares = [i**2 for i in set(range(1,10))]  
print(squares) #[1, 4, 9, 16, 25, 36, 49, 64, 81]
```

with set comprehension using if condition

[expression for target in iterable if condition]

```
squares = [i ** 2 for i in set(range(1, 10)) if i%2 == 0]  
print(squares) # [4, 16, 36, 64]
```