


⇒ Agenda → Set, Tuple, Dict, Array

↳ None

↳ for loop

★ None → is a datatype in python to give a
notion of empty quantity.

↳ $\{1, 2, 3\}$ → $\{1\}$ $\{2\}$...

$\{\phi\}$

↳ empty subset

Tuples → tuples are collection of heterogeneous objects. Tuples are immutable.



→ To create a tuple in python -

x = (2, "sb", 3.3)

→ parenthesis

tup = (1, 2, 3)

tup = tup * 4

tup

(1, 2, 3)

(1, 2, 3, 1, 2, 3, 1, 3 ...)

★ Dict → It is another data structure which stores elements in $\langle \text{key}, \text{value} \rangle$ form.

```
{  
    "name": "Sanket",  
    "age": 22,  
    "company": "Linked In"  
    :  
    .  
}
```

we can store multiple key, value pair in a dict.
value can be anything, but keys should be
always an immutable quantity

↳ Dict doesn't store values sequentially instead
they store it randomly.

All keys will be unique.

~~"Name"~~
~~"SANKET"~~ → delete
entry
immutable

search, insert, del → $O(1)$ Dict
 $O(n)$

for → loop

