

## 7 Strings

Monday, October 28, 2024 8:05 AM

Strings are a sequence of characters  
are **immutable**.

Operators:

[ ] read-only  
+ concatenation  
\* repetition

== !=  
< >  
≤ ≥ "Dictionary" ordering

Slicing:-

create a substring

$s[\text{start}:\text{end}]$  a new sequence from position **start** up to but not including **end**.

$s[:\text{end}]$  : from 0 up to **end**  
 $s[\text{start}:]$

$s[:]$  : a copy of the whole string.

negative numbers count from the end of the string

$s[-\text{start}:]$

$s[:-\text{end}]$

Methods :

- $\text{replace}(\text{old}, \text{new})$
- $\text{replace}(\text{old}, \text{new}, \text{count})$

- `replace( old, new )`
- `replace( old, new, count )`

- `find( p )`
- `find( p, start )`
- `find( p, start, end )`

• `rfind( p )` searches from the back of the string.

Advanced:

• `split( p )` splits a string into a list.

`s.join( l )` turns a list `l` into a string using `s` as a separator

• `f` strings

