

# Strings

Hello

Everyone 😊



\* String:

Informal def<sup>n</sup>: anything which you have written in double quotes.  
( " " )

sequence of character

Quiz!

"abc 123" → NO

"abc" → YES

"123" → YES

"abc @123 - 1." → YES

"123" vs 123  
↓ Concatenation / length  
↘ Arithmetic

**Computer understanding:** It only understands binary, which is base 2. (0 & 1)

12  
↙ decimal  
↗ internally it converts to binary no.  
→ 1100  
String video image

"abc"

ASCII → American standard code for information interchange.

A → 65

B → 66

C → 67

⋮

⋮

⋮

⋮

⋮

Z → 90

a → 97

b → 98

c → 99

⋮

⋮

⋮

⋮

Z → 122

0 → 48

1 → 49

2 → 50

⋮

⋮

⋮

⋮

⋮

9 → 57

int  
↘ 10 ← decimal  
    ↳ 1010

"10"  
  ↙ 49 ↘ 48  
  ⋮      ⋮  
binary binary-