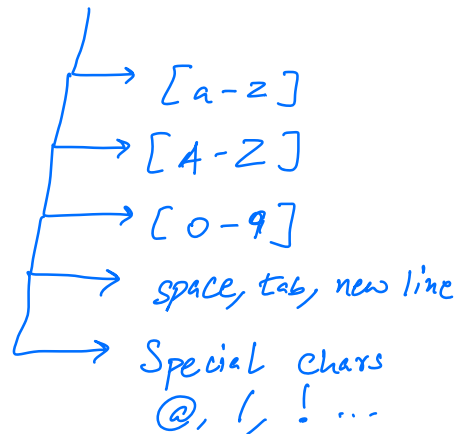


System.out.println("Hello world!")

Text
↓
String

Patterns: " " , " * "

String: sequence of characters



0 → number

'0' → char

"abaab" → Yes

"ab12" → No

"abc \$1" → Yes

" " → Yes

123 → int

"123"

SOP("123") ⇒ 123

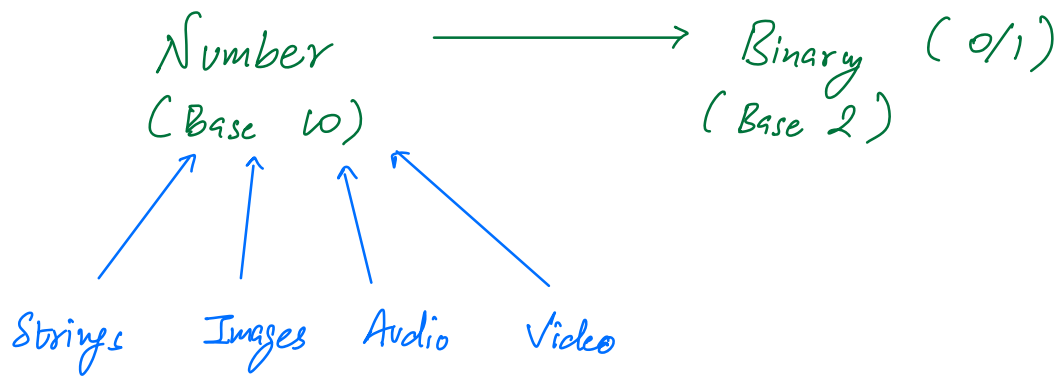
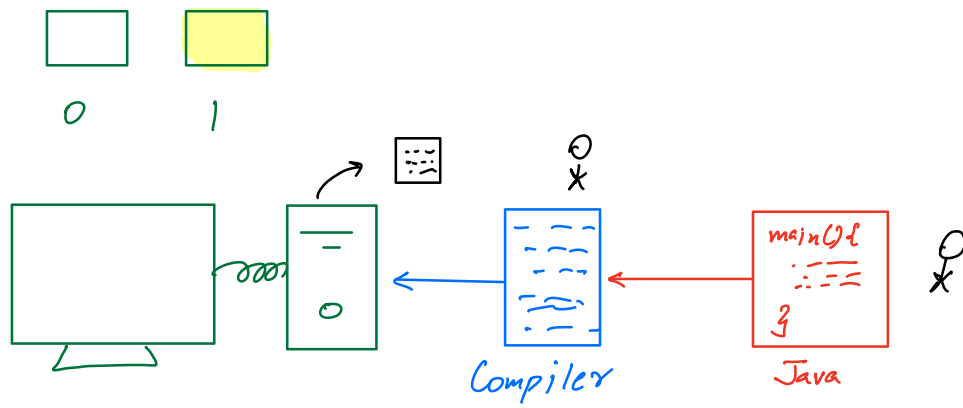
SOP(123) ⇒ 123

123 √/s "123"

123 x 2 = 246

"123" x 2 = Error

Computer Processing



"abc" [a y z] → Can be stored

Aarnav	Sathish	Rajat
a = 1	z = 1	a = 23
b = 2	y = 2	b = 36
⋮	⋮	⋮
z = 26	a = 26	z = 0

USA

S = "Aarnav"

SOP(S) = Aarnav

China

S = "Raavan"

ASCII

American Standard Code for Information Interchange

char \rightarrow int

a \rightarrow 97	A \rightarrow 65	0 \rightarrow 48
b \rightarrow 98	B \rightarrow 66	1 \rightarrow 49
c \rightarrow 99	:	2 \rightarrow 50
:	:	:
z \rightarrow 122	Z \rightarrow 90	9 \rightarrow 57
		10 \rightarrow 58 x
"10" \Rightarrow [49, 58] \Rightarrow store		11 \rightarrow 59 x

Break: 10:00pm