"Hello Everyone!"

Strings — 01

Strings — 1
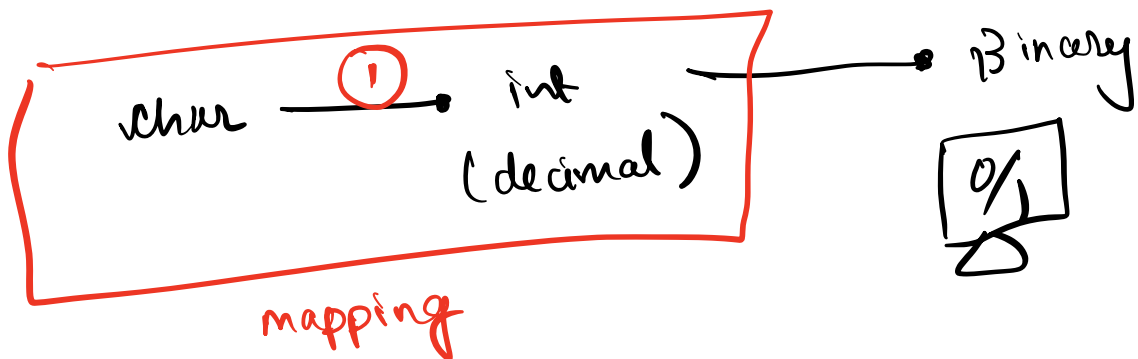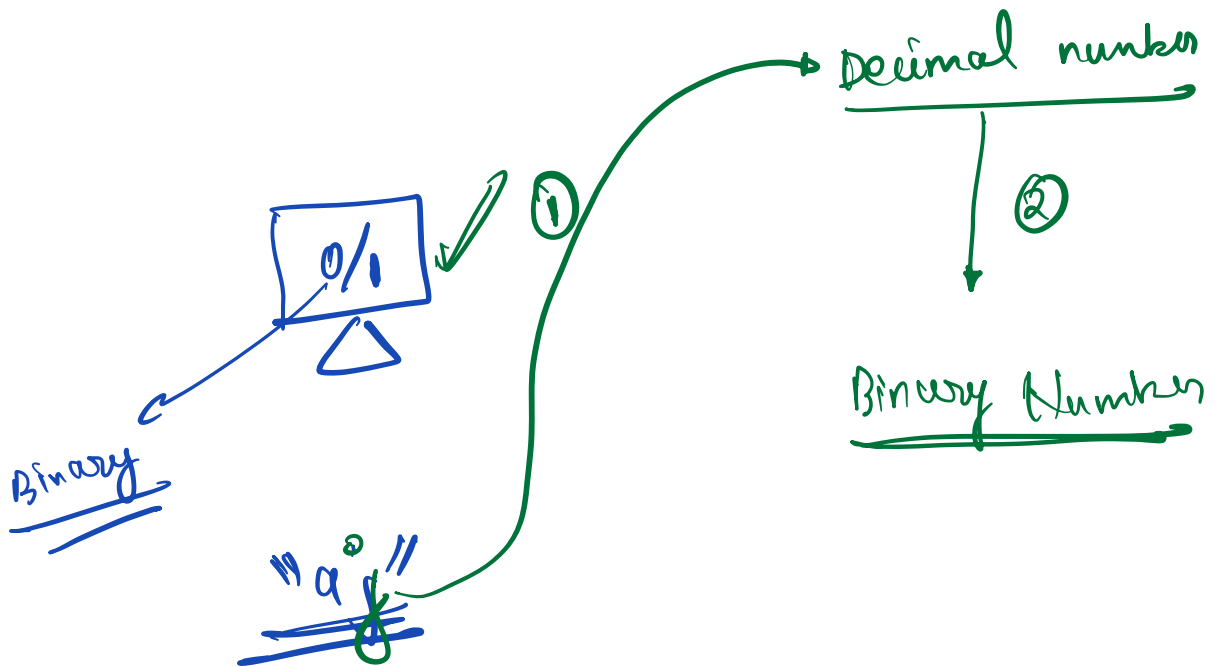
Strings $\longrightarrow$ Sequence of Characters

Text

* characters :-

1. a - z
2. A - Z } ⟶ alphabets

3. <u>white space</u> ⟶ (space)

4. <u>Special characters</u>
   ⟶ # @ , $, — · ·

5. numbers / digits ⟶ `0`, `1`, `2`, ... `9`

* ASCII values

Decimal number

Binary

%1 ①

"a" ①

②

Binary Number

mapping

char ——①—→ int (decimal) ——→ Binary

%

ASCII values

ASCII —→ American Standard Code for Information Interchange

android

ios

"How are you"

"I hate you"

ASCII codes

Character to number mapping

Unicode / UTF-8

ASCII codes (mapping)

`A` → (65) +1

`B` → 66 +1

`C` → 67

⋮

`Z` → 90

90 → 65+25

`a` → 97

`b` → 98

⋮

`z` → 122

`0` → 48

`1` → 49

`2` → 50

⋮

`9` → 57
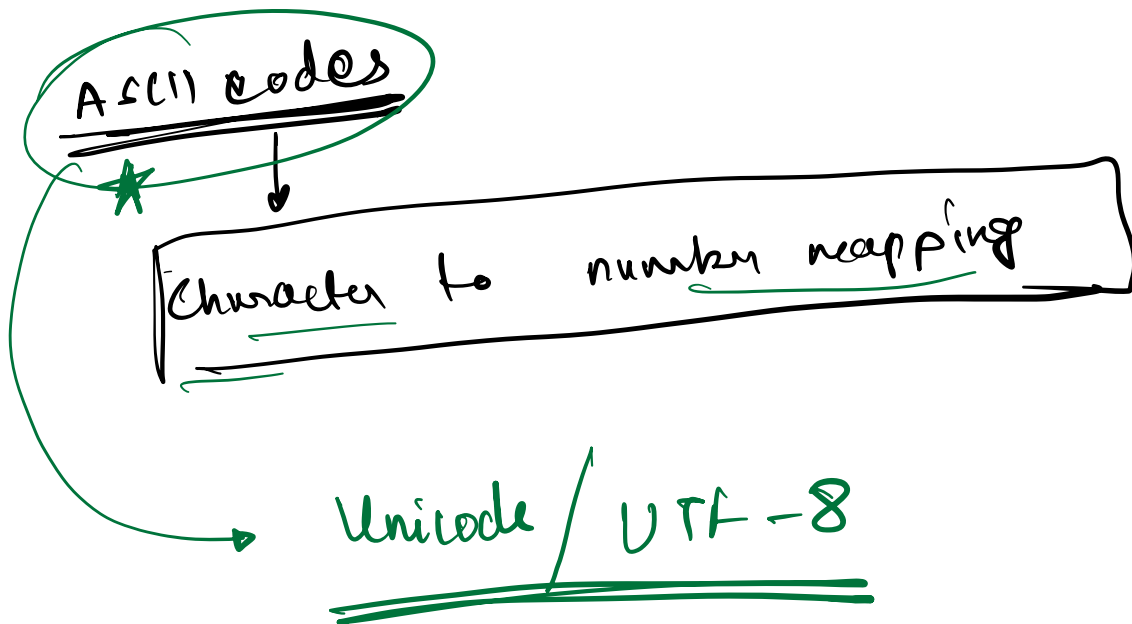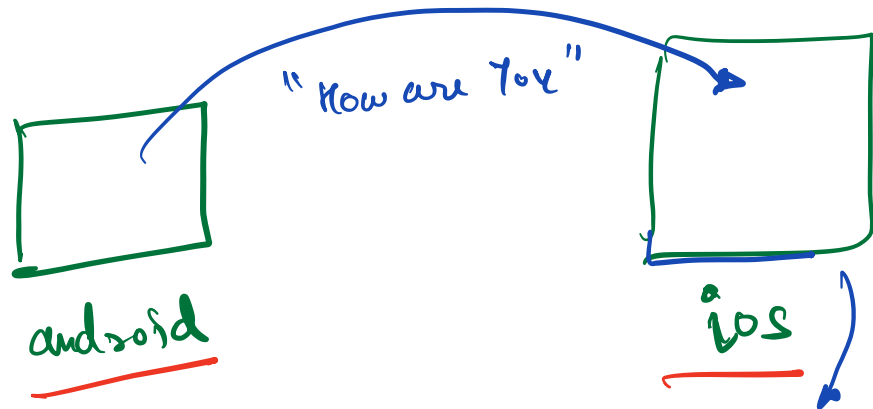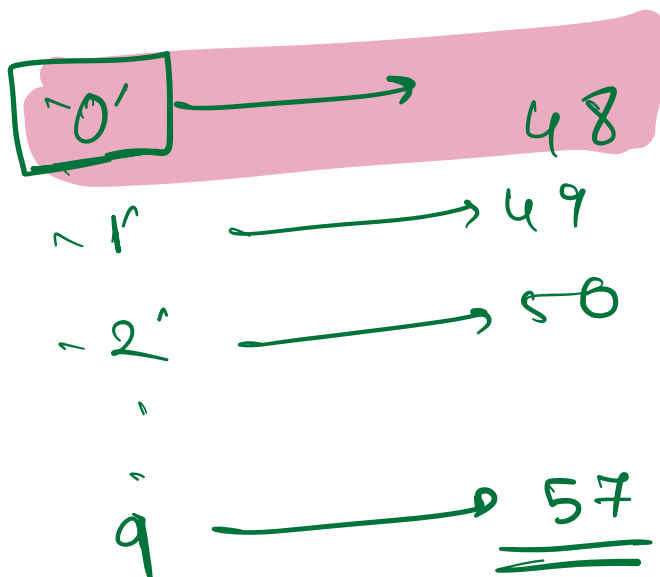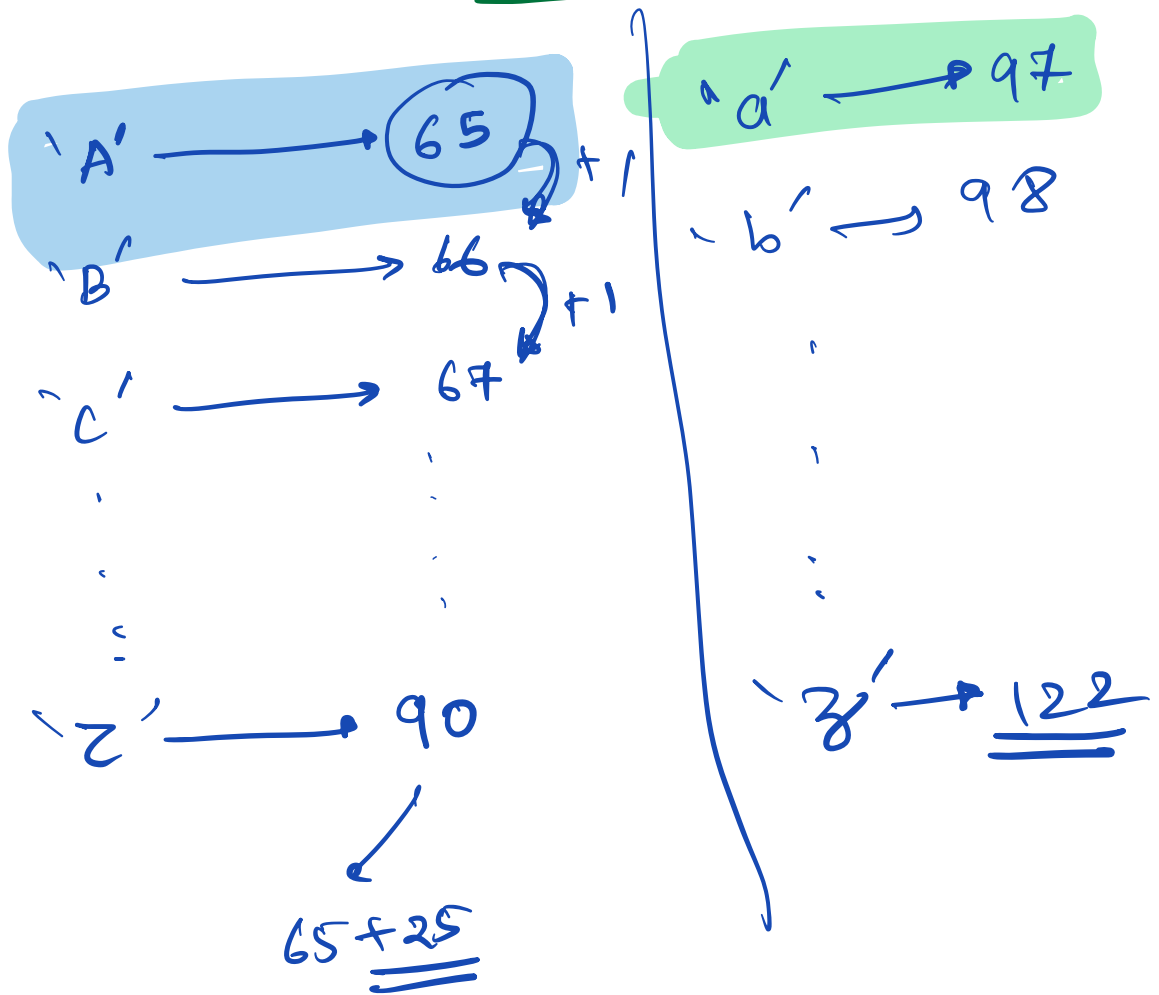
0 1 2 3 4
" INDIA "

Split

" 57 / 90 "

separator