

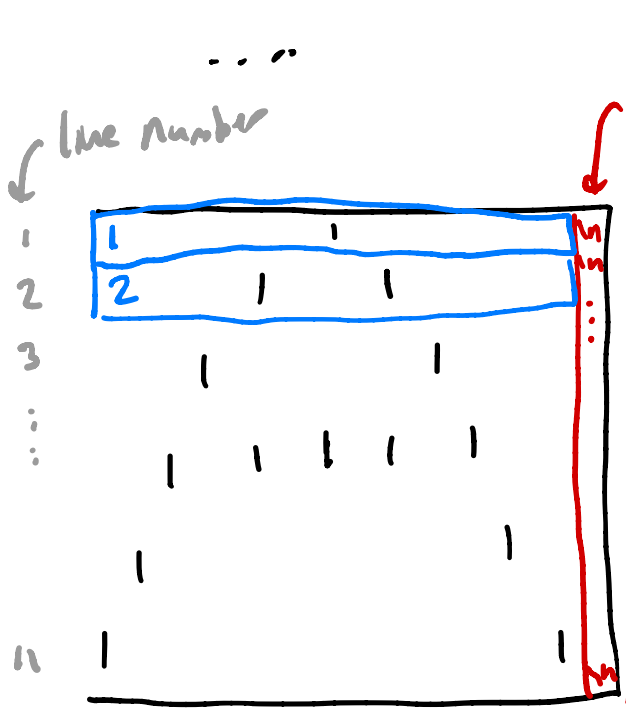
Lecture 24 | ASCII Art

font Alphabet.txt

A B C D ... a b c d ... ? !
64 total

alphabet :
all symbols
we know
how to
convert
from string
character
to c++.

font Symbols.txt



all symbols take up
11 lines

new lines are invisible

len = 15 characters long

len = 14 without newline

11 lines

B

Suggested way to organize Symbols: dictionary d

64 Keys

Keys

Single chars in ASCII art font alphabet.

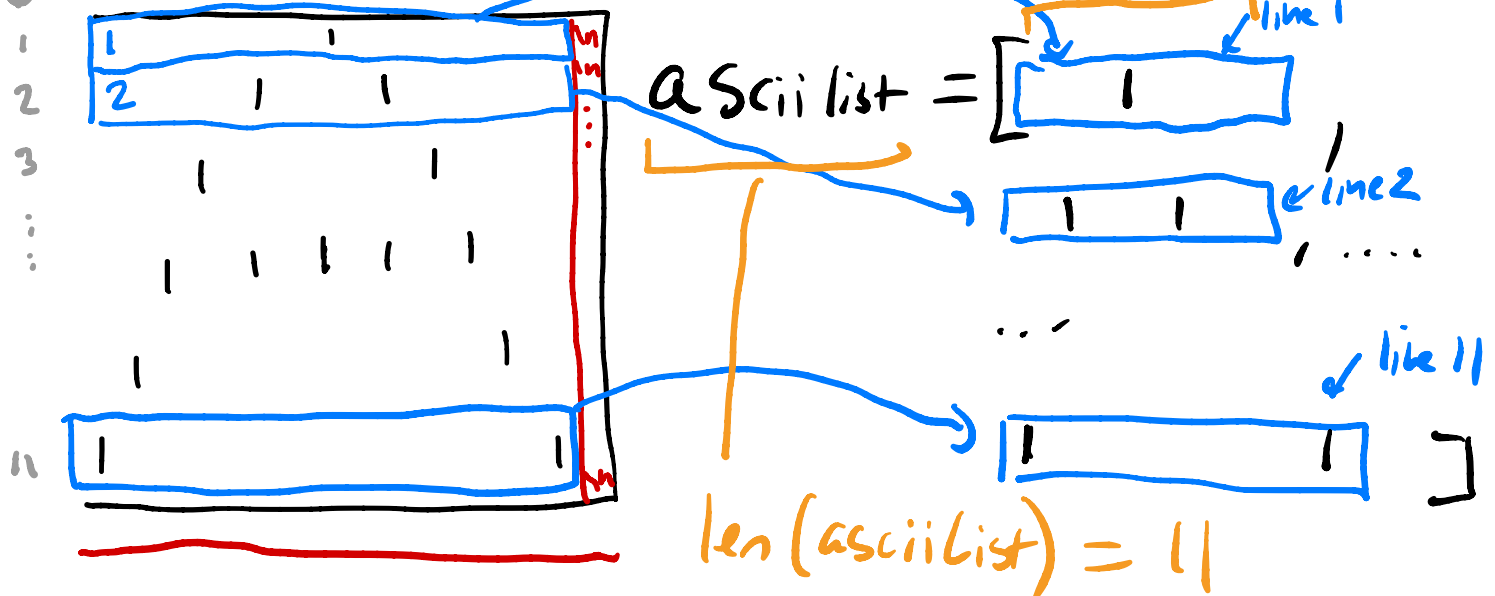
e.g. 'A', 'B', ..., 'a', 'b', ...

Values

List of 11 lines that make up each symbol

$d['A'] = [11 \text{ items} - 11 \text{ lines/strings making up A symbol}]$

line number



$d['A'] = [\text{line 1}, \text{line 2}, \dots, \text{line 11}]^{14}$

$d['B'] = [\text{line 1}, \text{line 2}, \dots, \text{line 11}]^{14}$

$d['C'] = \dots$

$\vdots$

$d['!'] = [\text{line 1}, \text{line 2}, \dots, \text{line 11}]^{14}$

$\text{len}(d.\text{keys}()) = 64 : \underbrace{A-Z, a-z, 0-9, !, ?}_{64 \text{ total}}$