Keshav Seksaria

IIT-BHU mnC

WorldQuant LLC (Quantative Researcher) 2.5 years
- 1 Cfg
- 1.5 years

Google, India SWE

Refresher Module → Revising
→ Learn Java
1 month

Intermediate Module Basic DSA (1 month)

Advance Module 4.5 months [Implementation, Problem-Solving]

Language, Projects, HLL, LLD, SQL ....

↑ Electives

Revision

1) Intro
2) If-else
3) While
4) For
5) Patterns
6) Function
7) 1D array
8) 2D array
9) Arraylist
10) Strings
11) Hashing.

9:05

Data types

1. Text → "I am Keshav" → strings
→ "my Age is 25"

group of characters.

Non-primitive data types

2. Numbers.

→ Integers

→ byte
→ short
→ int
→ long

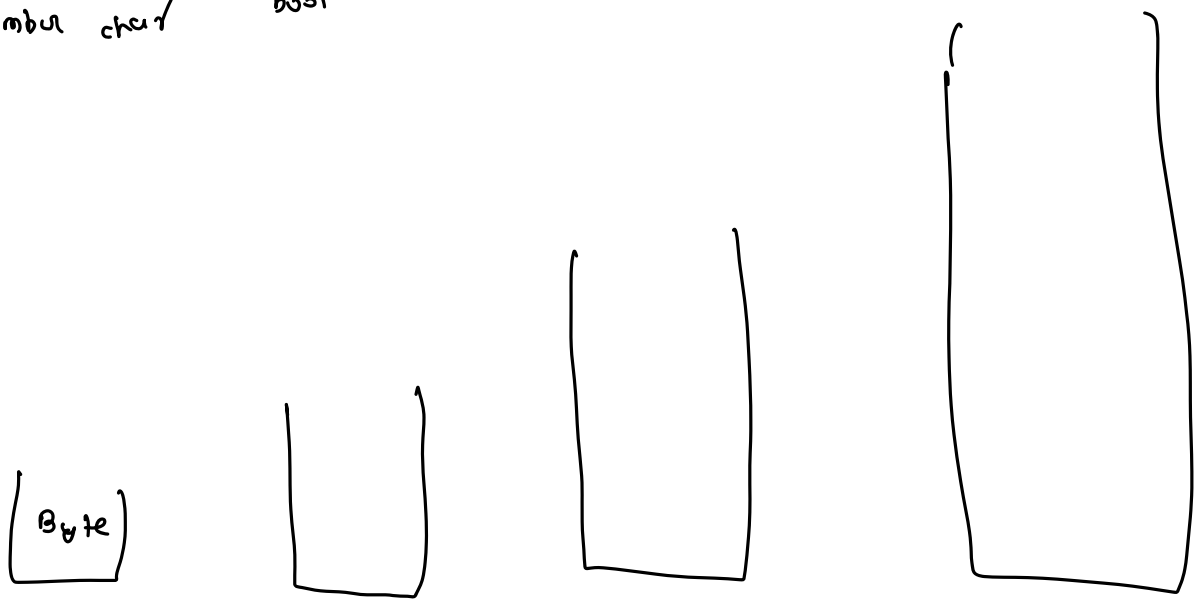
Integers

-5, 0, 1, 10, -100

Primitive DT

→ Decimal numbers

Number char bool



1 byte

8 bits

-128 to 127

short

2 byte

-32,768 to 32767

int

4 byte

(-2^{31})

-2147483648 to 2147483647

$(2^{31}-1)$

long

8 byte.

-2^{63} to $(2^{63}-1)$

int

app -10^9 to 10^9

long

-10^{18} to 10^{18}

→ Decimal numbers

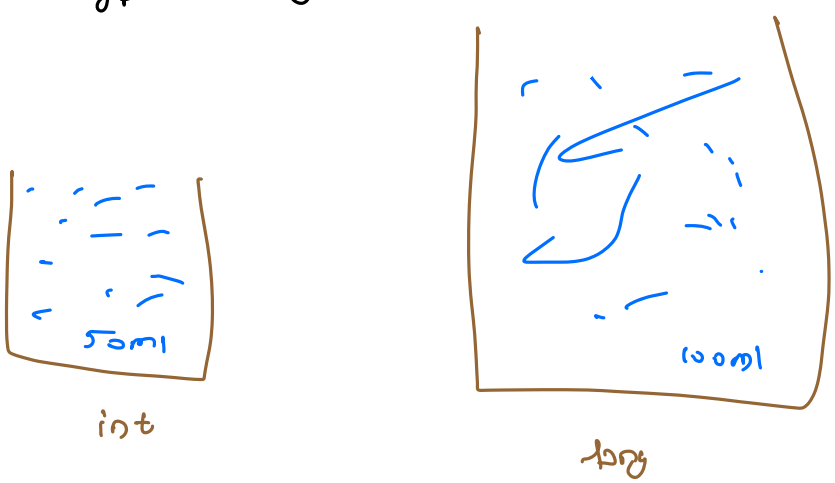
- float → 32 bits (4 byte) → 6 to 7 atmax [Less precision]
- Double → 64 bits (8 bytes) [max precision]

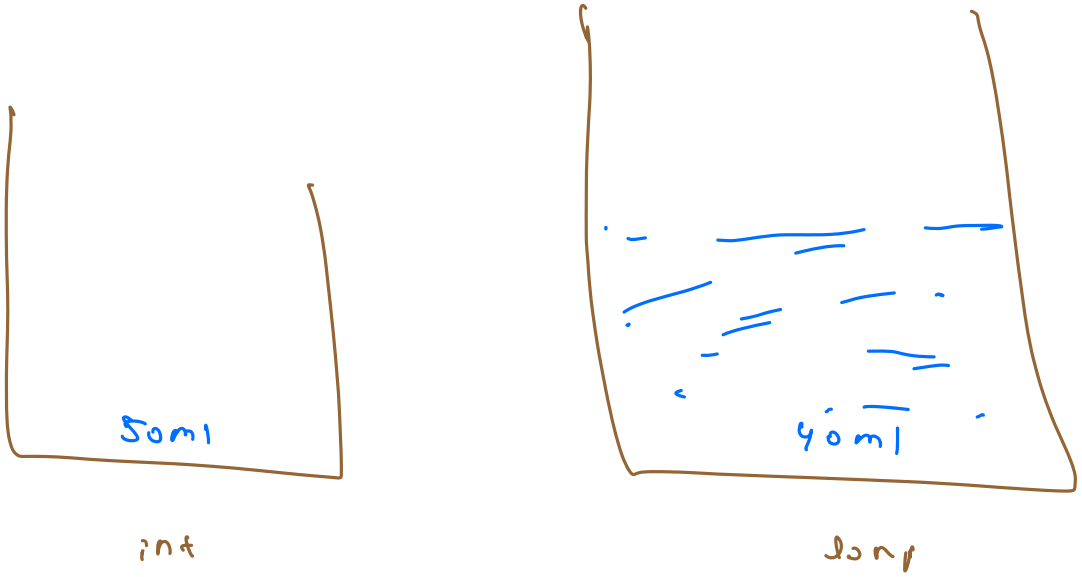
(after decimal 15 digits)

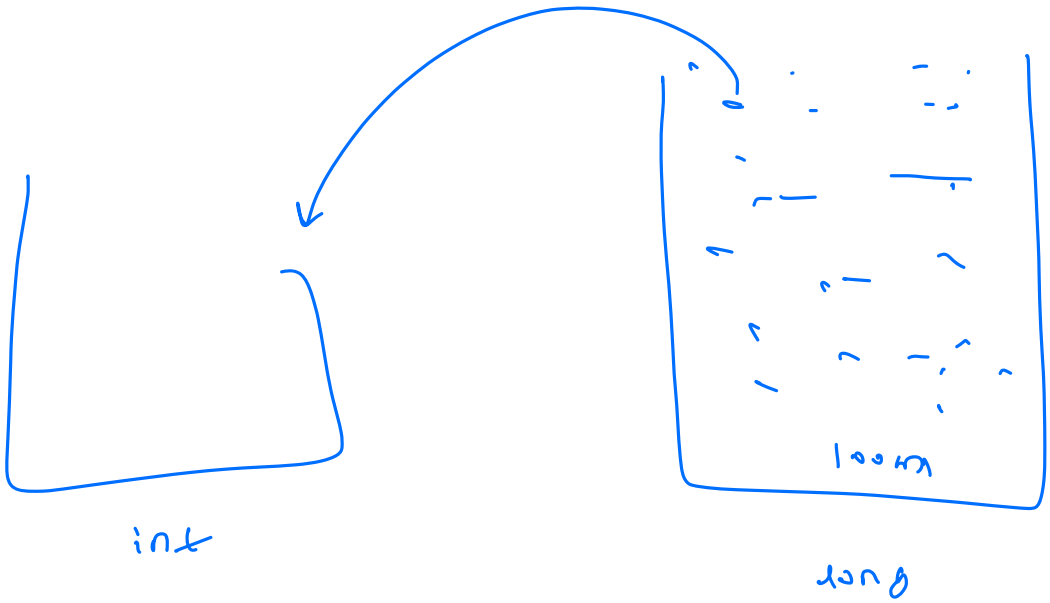
IDE →

Break
10:02 ~ 10:06

Typecasting



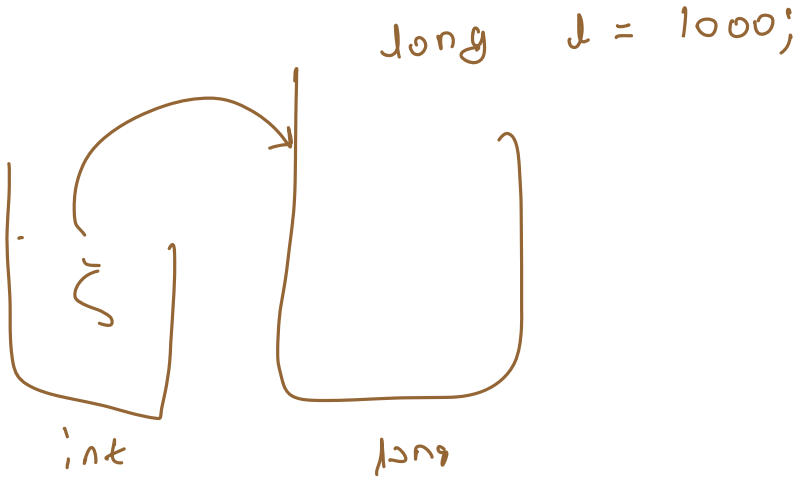




overflow
garbage

int ← 10^{12}

long 10^{9}



IDE link is in the pinned comments of the class recording