Data Types

Ice Water Vapour
Solid Liquid Gas

container: Bucket Tank Cylinder with holes

Data printed & Number, Tent

Numbers

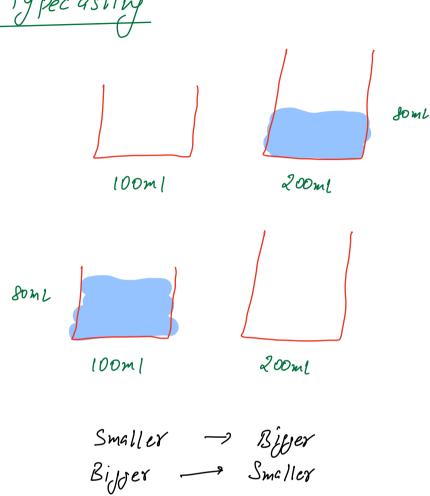
Integer (int) 3 Integers
Long (boy) 3 Integers
Float (float) 3 Decimal
Double (double)

Limited space

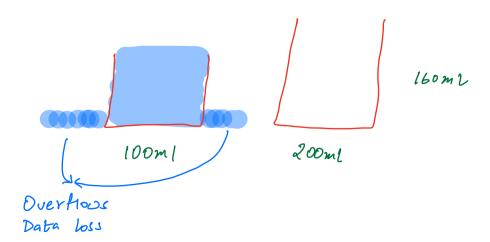
$$-10^{9} \approx -2^{31} \leq \text{int} \leq 2^{31} - 1 \approx 10^{9}$$

 $-10^{18} \approx -2^{63} \leq \text{lony} \leq 2^{62} - 1 \approx 10^{18}$

Typec asting



OverHow



Variables

PI RAND Shand
$$\frac{1}{2}$$

Read $\frac{1}{2}$

Me double Long int computer $\frac{1}{2}$

Long int $\frac{1}{2}$

Long

double

float t; long l;

Break: 10 pm