

$\leftarrow 75.5$
float (or) double
 → float → 4 bytes
 → double → 8 bytes
 4 bytes
 8 bytes
 float a = 128.5; ✓ error
 double a = 128.5; ✓
 72.5551

boolean a = true false
 boolean a = true; ✗
 boolean b = false;

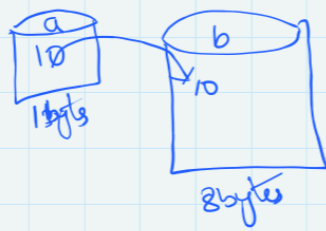
char i = 0
 byte = 0
 short = 0
 int = 0
 long = 0
 float = 0
 double = 0.0
 boolean = false

int a;
 4 bytes
 double a;
 8 bytes

type casting :-

implicit
type casting

byte a = 10;
 double b;
 b = a;
 s.o.p(a);
 s.o.p(b);



double a = 10.0;
 byte b;
 b = a; error



explicit

double a = 10.0;
 byte b;
 b = (byte) a;
 s.o.p(b); 10