

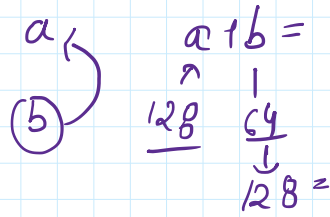
long double ✓

double ✓

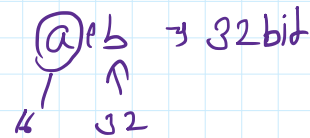
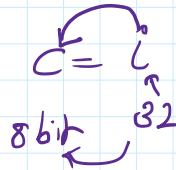
float ✓

Short or int ✓

Char ✓



char c = 1 byte (8 bit)
int i = 4 byte (32 bit)



Casting

$f = (\text{float}) i$

$i = (\text{int}) f$

$$\left(\frac{a}{b} + c \right) =$$

$a = \text{double}$
 $c = \text{int}$
 $b = \text{float}$

Const float $\pi = 3.14$

$\pi = \pi + 1$

#define $\pi = 3.14$

String Constant

c "Hello"

$"A"$ \rightarrow (A)
 \rightarrow "A" + 10 X

π
 3.14
 \rightarrow (A) + 10
 \rightarrow "A" + 10 = —

π (8 bit) $\rightarrow 2^8 \rightarrow 256$
 \rightarrow char \rightarrow 0-255
 \rightarrow 0-255 \rightarrow 0-255