

11006

binary representation (of size?) So 2 things - representation & type are 2 separate

LITERALS

bitfields

unions

things. - late discovery. - better late than never.

(DATA) REPRESENTATION + TYPE.

	Classmate  Date
Hone	rinku hay read
over	the internet:
010	) <b>b</b>
]	
``	

lets consider some reperesentations rinku hay read
from various places (URLS) over the internet:

• binary - 100016 0106

• heradecimal - labor

• Other bases. .... (0123)4

• roman numerals - (VII)R

• madecimal! - 113

- 9-- Oscii

· base64 - (he/-)

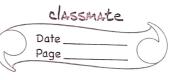
convenient readabulity separators

1 000 284.00

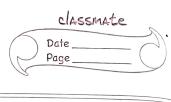
thinking of USD /\$

how may such parsing be modified at compiletime.

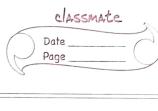
how can literals be defined.



-	other literals for	booleagen	variable types
yes	right correct		
no	wrong incorrec	<u>t</u>	
	•		
defining	bloating point lit	erals	
not only	f32 f64 but	other size	<u>.</u>
defining b	ixed point literal	S.	
defining b	igint / big number	literals.	
			7
lehining c	harocter / string	literale.	
0	3,		
1.11	· · · · · · · · · · · · · · · · · · ·		
	literals with		
units			
errors			
ranges			
angles			
· complex 1	number(		¥
,		12	
Uther c	associated meta in	formation	
i's this	all going to be sy	ntactic sugar	p.
	instructor call?		
	• •		



other more complex literals ->
· Lists • maps • topics
 · matrices : images · trees
• stacks • queves • graphs
· stock symbols. · graphs · bormatted text.
• Html • ISON • ISX
· xml · css · binary blob.
• syg • wav/midi (right in Src code)
ourls (right in Src code)
what to do @ compile time, what to do @ runtime?
 4.
execution pass 1, execution pass 2,
 age: 24 years
 height: 32m
date: 1.2.2019 date
 date: Date (1, 2, 2019)
age: Duration (years = 24)
print (age in months)
print months (age) 324x12 48
288 months
print (months (age) ~ 288 months
print (months (age) ~ 288 months
variable associations (structs)
Use simpler translation, not but date of
also vun a completime, not punime)



DatePage
tength: 32m
 height: 712 m
marea: length x height
print area -> 32x7/2 m² unicode
voltage: 230 V
 corrent: 4:0 A
 print ( Voltage * current
1 920W
unit. voltage
association bokup
number enum
unit. voltage
,
unit. voltage voltage = unit. voltage (230, unit. voltage.v);
unit. current current = unit. current (4.0, unit. current. A),
unit. paver y = voltage * current (.)
oni+