

## Chapters 1-6 ☺

- T/F
- short answers
- why languages / so many?
- most important?

compilers - when it crashes,  
var is gone  
- runs on target system  
- FASTER (generally)  
- checks syntax - grammar

- Unix/C "co-created"  
\* memory/speed
- Java  
\* cross platform/  
portability
- Fortran / Ada / Lisp

VS

interpreters - better error messages  
\* need source code  
\* makes highly portable



from basic regex  
char classes - s, w, d  
multipliers, (), etc  
\* alternation

clean\*, etc  
+

PARSE TREES ☺

- data types - abstract data types

- stack, pop/push

- arrays - ragged vs. multi-dimensions  
pnr + ant

scientific notation  $\Rightarrow$  formula trans. , fortran

not in stack ~ heap?

$\rightarrow$  anything static

(dynamic scoping) not on test

