

ch. 1

python codes

active code
interpreter:
text to code

code lens:
each step

formal
has strict
rules

natural
v.
formal
lang.

algorithm: step by
step instructions for
comp.
↳ diff. languages

high level lang:
python, shorter,
portable, no mods
most common

low level
lang: only
work on 1 kind
of comp

high to low:
interpreters -> executes
high prog.
compiler -> reads | trans-
lates programs

debugging: correcting
errors in the code

syntax error:
structure is incorrect

runtime error:
does not appear
until program is
run

semantic error:
prog. runs, but does
not do what you told
it to do