

Reusable code:
use one piece of software
in multiple contexts.
like having tool on your
shelf.

CPU - central processing
unit - today, most have
multiple processors.

Embedded - computer in a TV,
or phone, or ... coffee pot

Robust : capable of dealing with "unexpected" situations.

exception handling - detect an "erroneous" situation, raise an exception object, write a handler (software) to deal with it

algorithm for closing blinds.

stand in front of S. window,
facing window

while (have not collided with
cabinet)

turn blind handle 4 times
clockwise

slide N. 4 feet

$$sq = 1 * 1;$$

this is not an equation!

it is an assignment b/c

variable sq is being
assigned the result of
multiplying $1 * 1$

" sq gets 1 times 1"

"increment" means add 1

$i++$ means increment i

"decrement" means subtract 1

$i--$ means decrement i

$i = i + 1$ same result as $i++$

$i += 5$ means $i = i + 5$