Low Level Tips

RAM	Flip-Flop Sandals
Flip-Flop	Volatile: Handle Safely
Mem Access	Both Multi and DeplexORS

Software en-juh-neer

Quality	Complexity, Change
Models	Task, System, Issues
Tips	Avoid coupling, death, Kraken

Logic (EXTERMINATE)

Comb. Logic	AND, NOT, OR, NAND; Operate on data only
Seq. Logic	Operate on Data and Clock Sig. State Aware (DFF)

ALU Are You?

zx -- zero x, if TRUE then set x = 0
nx -- negate x, if TRUE then set x = !x
zy -- zero y, if TRUE then set y = 0
ny -- negate y, if TRUE then set y = !y
f -- function code, 1 for ADD; 0 for AND
no -- negate the output, out = !out

Compiler? I hardly know her!

HLL	C, Algol, Java (coffee)
LLL	Assemblargh, Machine Speek
Compilation	Symbol Table, Analysis, Optimus Prime, Code Gen

Avengers

Iron Man	Hulk	Captaen 'Murica	Hawkeye
Black Widow	Ant Man	Þórr	Spider-Man (lol)
Vision	Wasp	Captain Marvel	Me