

Time (in clock cycles)

CC 1

CC 2

CC 3

CC 4

CC 5

CC 6

CC 7

CC 8

CC 9

Value of register \$2:

10

10

10

10

10/-20

-20

-20

-20

-20

Value of EX/MEM:

X

X

X

-20

X

X

X

X

X

Value of MEM/WB:

X

X

X

X

-20

X

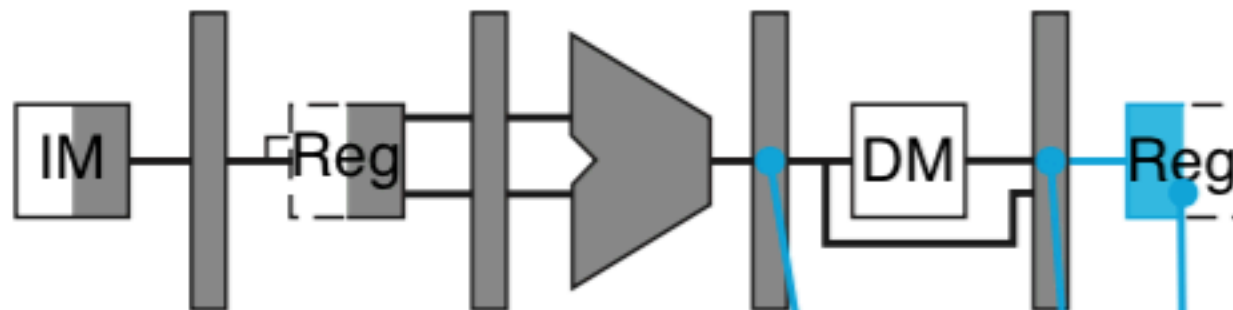
X

X

X

Program
execution
order
(in instructions)

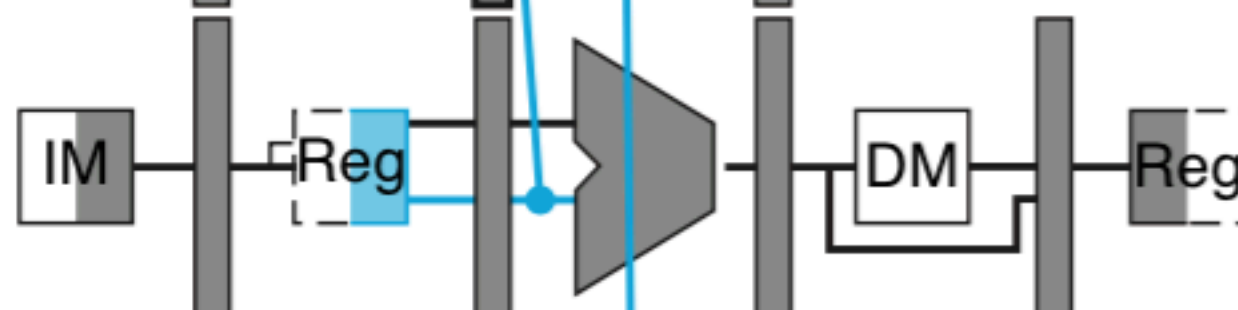
sub \$2, \$1, \$3



and \$12, \$2, \$5



or \$13, \$6, \$2



add \$14, \$2, \$2



sw \$15, 100(\$2)

