

Original Basic Block

$t0 = x0 * y0$

$t1 = x2 + y0$

$t2 = x1 * y2$

$t3 = x3 + y2$

$z0 = t0 + t2$

$z1 = t1 * t3$

.....

.....

DeAr
Scheduler



2-way-issue Block

DeAr
Thread 1

$t0 = x0 * y0$

$t2 = x1 * y2$

$z0 = t0 + t2$

.....

.....



DeAr
Thread 2

$t1 = x2 + y0$

$t3 = x3 + y2$

$z1 = t1 * t3$

.....

.....

