Exemple: 3 blocks a 4 threads -> B1, B2, B3 (length arbitrary, Let Vector X -> Rasult Y les assume longer than 12) scan_kernel_1(-) T1 T2 T3 T4 in block \$ for (){ my-volve ablold stride = 1 for (stride) { shared la latolota latal my-velve _ stride = 2 Q at 6 + 1415 In this case, we've done. etca (a+5 (a+5+c my-velve 10 + Slock-offset block-affect = and store in Y write carries: 1 32

Couries

Assume corries book like this carries | 4 scan-kernel-2 earries 0 4+5 4+5 4+5+3 Now add to results in Y -> scan-kernel-3 Y 0134112451113461 "Ya coerries": | +0 | +4 | | +4+5 L> Y: [0] 1 | 3 | 4 | 5 | 6 | 9 | 9 | 10 | 12 | 13 | 15