

Berke Belgin
121064065
BB

a) lw \$t2, ...
sll \$t3, \$t2, ...

Data hazard, sll depends on prior instructions output.

sll \$t3, ...
... } 1 instr.
or \$t0, \$t3, ...

Data hazard, or depends on prior instructions output.

b) lw ...
→ nop
→ nop
sll ...
→ nop
andi ...
or ...
beq ...
add ...
addu ...

There was no Structural or Control Hazards.

(beq ...
add ...
addu ...)
No Control hazard

c)

d)