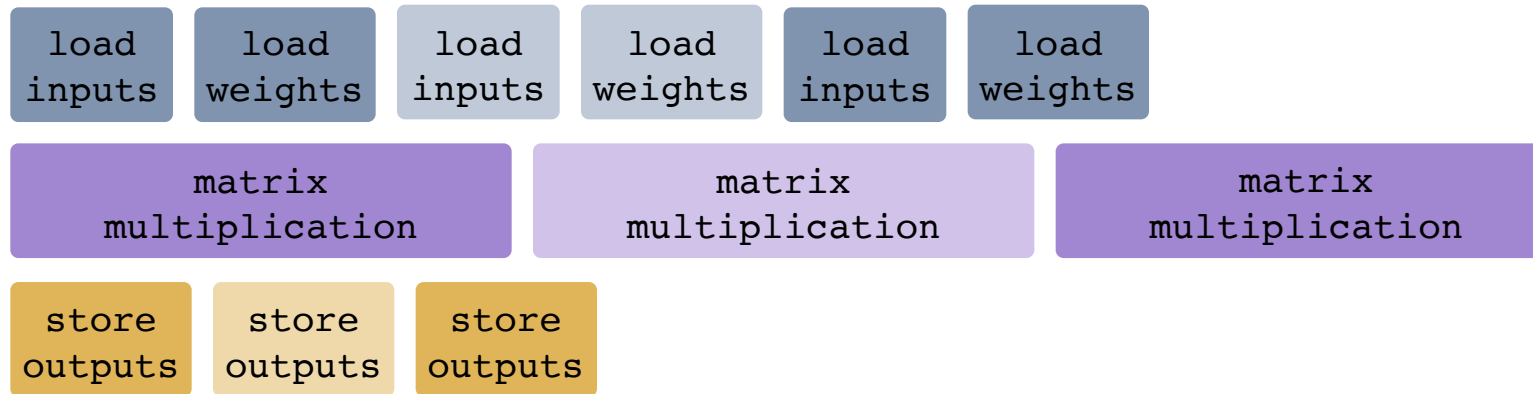


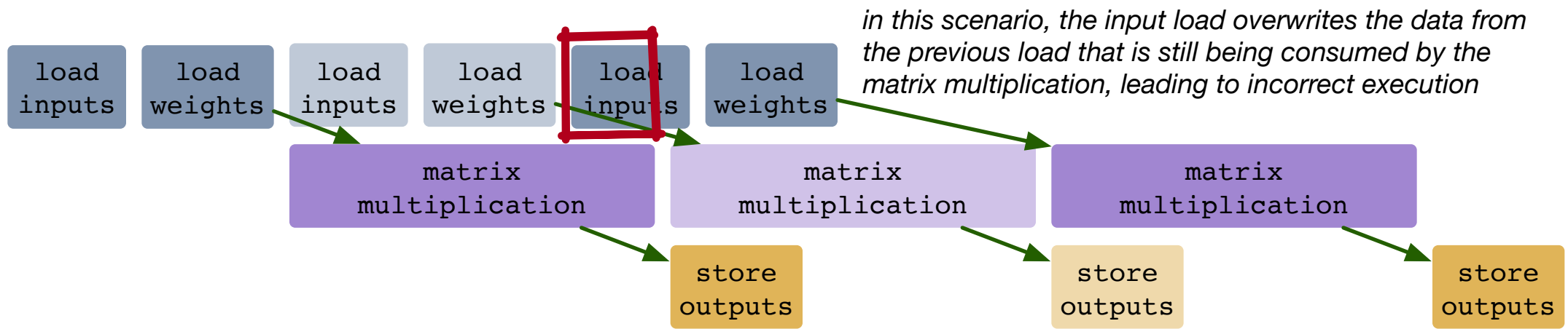
No dependences:
tasks execute as
soon as modules are
ready, leading to
erroneous execution



Legend

load inputs	matrix multiplication	store outputs	context 0
load weights	matrix multiplication	store outputs	context 1

Insert **read-after-write**
dependences and
producer-consumer
order is respected,
but tasks can execute
too early



Insert **write-after-read**
provide timely
execution of tasks,
thus ensuring
execution correctness

