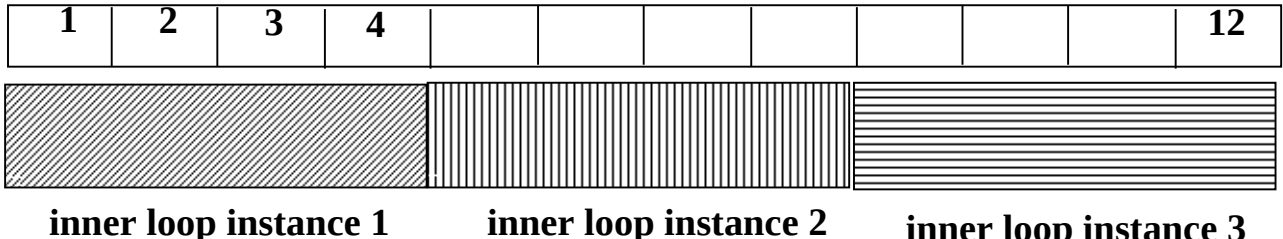original loop iterations: