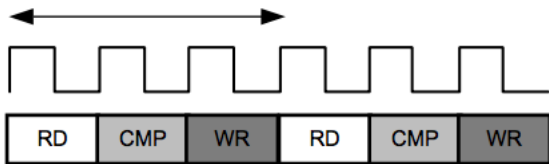


Without Unrolling

```
Loop:for(i=1;i<3;i++) {  
  op_Read;  
  op_Compute;  
  op_Write;  
}
```



Initiation Interval = 3 cycles



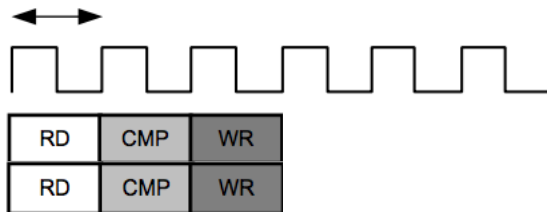
Latency = 3 cycles

Loop Latency = 6 cycles

With Unrolling



Initiation Interval = 1 cycle



Latency = 3 cycles

Loop Latency = 3 cycles