

```

void top (a,b,c,d) {
    ...
    func_A(a,b,i1);
    func_B(c,i1,i2);
    func_C(i2,d)

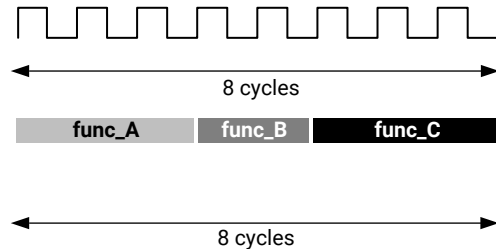
    return d;
}

```

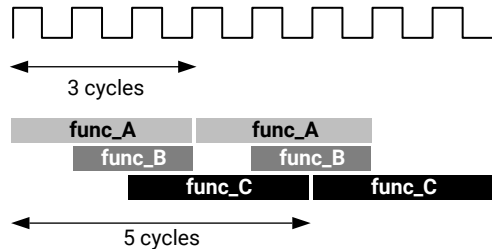
**func\_A**

**func\_B**

**func\_C**



(A) Without Dataflow Pipelining



(B) With Dataflow Pipelining