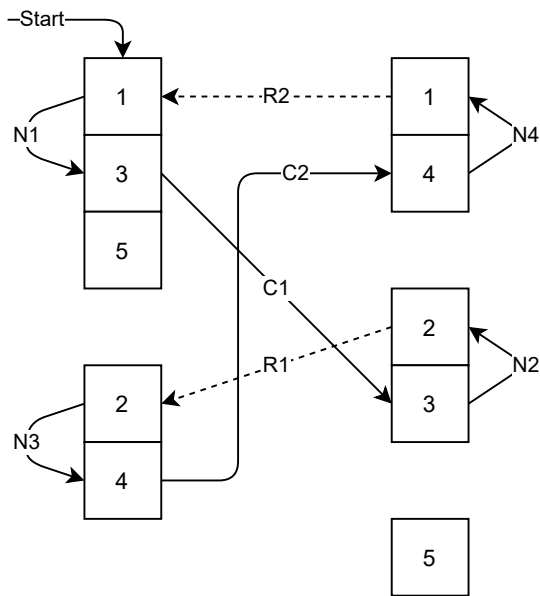
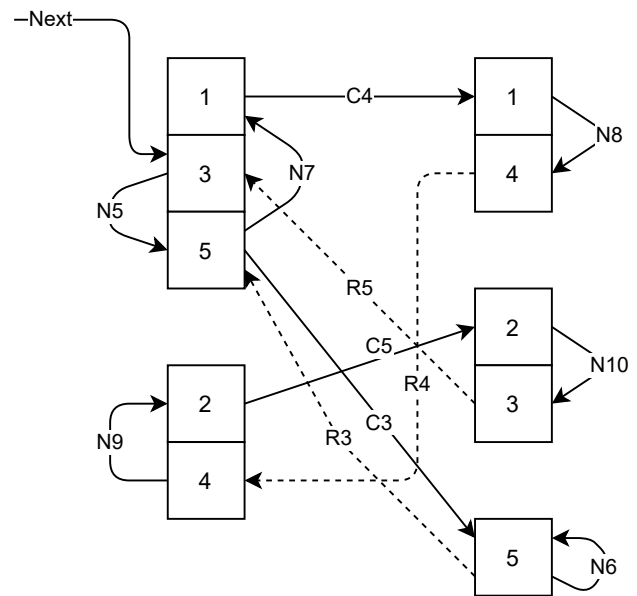


Example:  $(1\ 3\ 5)(2\ 4) \circ (1\ 4)(2\ 3)(5) = (1\ 2)(3\ 5\ 4)$

### Follow cycle algorithm



Start(1)  
 N1:Next(1,1)=3  
 C1:N2:Next(3,2)=2  
 (1 2)  
 R1:N3:Next(2,1)=4  
 C2:N4:Next(4,2)=1  
 R2:Back to start (1)  
 End



Start(3)  
 N5:Next(3,1)=5  
 C3:N6:Next(5,2)=2  
 (3 5)  
 R3:N7:Next(5,1)=1  
 C4:N8:Next(1,2)=4  
 (3 5 4)  
 R4:N9:Next(4,1)=2  
 C5:N10:Next(2,2)=3  
 R5:Back to start (3)  
 End

### Cauchy's two-line notation algorithm

