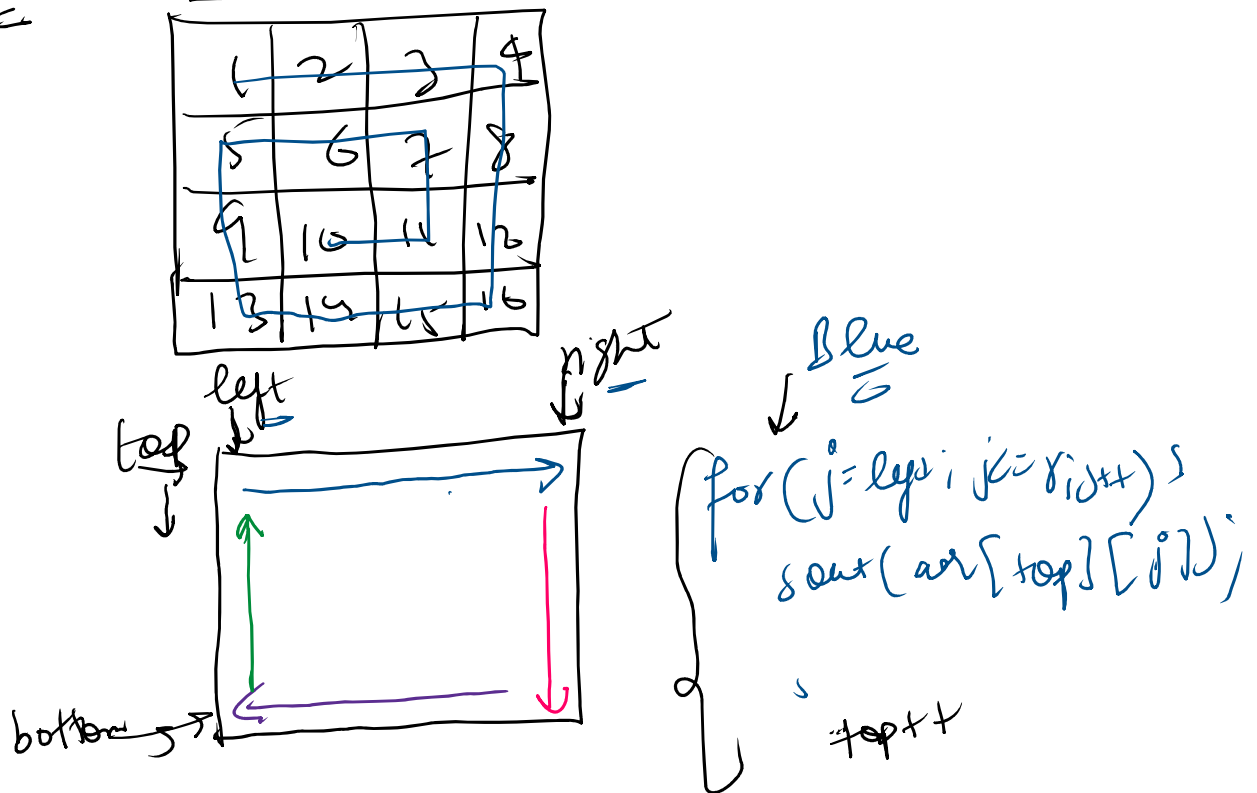
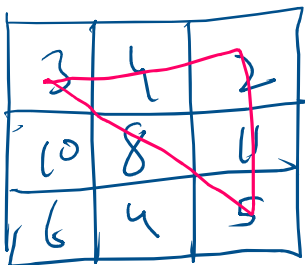


Spiral Order



Sum of upper and lower Δs

$(0,0) (1,1) (2,0)$
 $(1,0) (2,1)$
 $(2,0)$
 $i > j$



$$UD = 3 + 8 + 5 + 11 + 2 + 4$$

$$LD = 3 + 8 + 5 + 10 + 6 + 4$$

$(0,0) (0,1) (0,2)$
 $(1,1) (1,2) (2,3)$
 $i < j$