


$u, v,$

$d[u] \text{ --- } f[u]$


$d[v] \text{ --- } f[v]$

case 1:


Case 2:



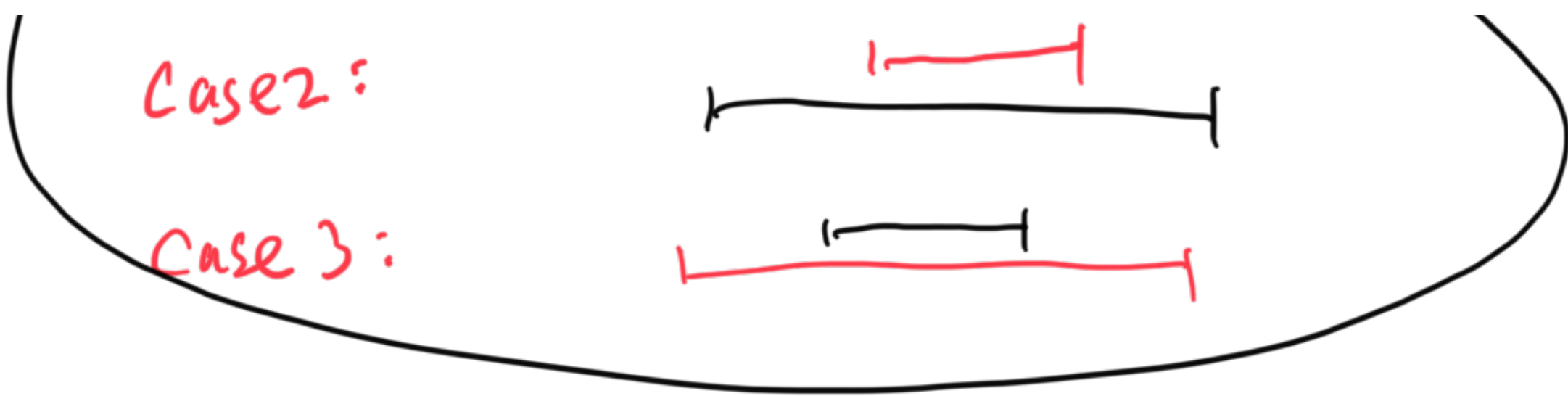

Case 3:



Case 2:



Case 3:



$$\text{time} = d(u)$$

$$\text{color}(w_i) = \text{color}(u) = \text{white}$$

