$f(y) \rightarrow y=4 \rightarrow f \rightarrow x=2 \rightarrow y=1$

$x=y \leftarrow fn$

$u+x+y \mid u$

1. start at $f(y)$ go down to find $y=4$ in next frame

2. go down to find f ...

3. evaluate fn $u \Rightarrow u+x+y$ by going down and finding x and y

4. find x at the start, $x=y$, continue down to find $y=1$

5. evaluate f to $u+1+1$

6. go back to $f(4)$ you go down and find $f= u+2$, bind $u=4$

7. $f(4)= 4+2 = \boxed{6}$ final answer