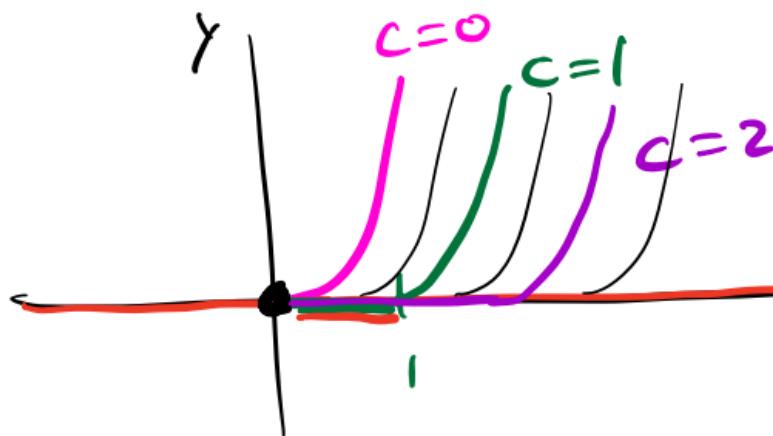


$$y(x) = \begin{cases} 0 & x \leq c \\ (x-c)^2 & x > c \end{cases}$$

Any  $c \geq 0$  makes  $y(0) = 0$  true.



\* nonuniqueness  
for IVP  $\begin{cases} y' = 2\sqrt{y} \\ y(0) = 0 \end{cases}$