

Princeton University
COS 217: Introduction to Programming Systems
Kinds of Function Parameters

Kind of Parameter	Example	Implementation	C Construct
<i>in</i>	IntMath_gcd() (both params)	call by value	ordinary parameter
<i>out</i>	quorem() (3 rd param) scanf() (2 nd param)	call by reference	pointer parameter
<i>inout</i>	swap() (both params)	call by reference	pointer parameter