

Input (a,b,c)	$a \geq 0, b \geq 0$ or $c \geq 0$	$a+b+c=180$	$a \leq 90$ or $b \leq 90$ or $c \leq 90$	$a > 90$ or $b > 90$ or $c > 90$	$a < 90$ and $b < 90$ and $c < 90$	Output
$a \leq 90, b \leq 30$ $c \leq 60$	False	True	True			right angle
$a \geq 120, b \geq 30$ $c \geq 30$	False	True	False	True		Obtuse angle
$a \geq 60, b \geq 60$ $c \geq 60$	False	True	False	False	True	acute angle
$a \leq 90, b \leq 30$ $c \leq 20$	False	False				