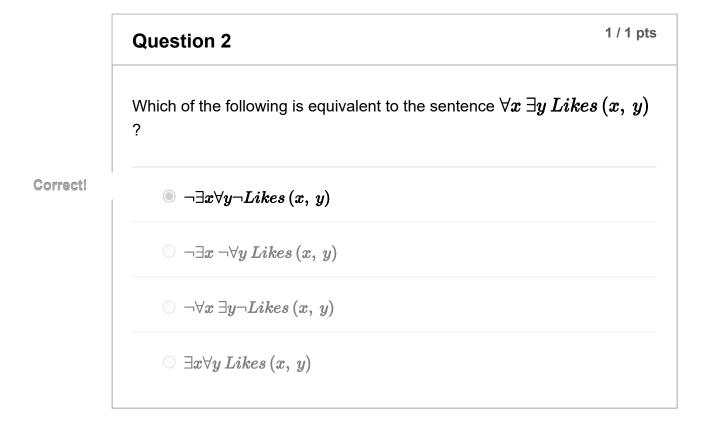
## CS161 - Quiz 5 Results for ZHANG, CHARLES XIAN

Score for this quiz: **4** out of 4 Submitted Mar 3 at 5:23pm This attempt took 3 minutes.

	Question 1	:s
	Any sentence in first-order logic can be expressed without the existential ∃ quantifier	
Correct!	True	
	○ False	



Question 3 1/1 pts

	Modus Ponens (MP) is a sound inference rule
Correct!	True
	○ False

Question 4	1 / 1 pts
Resolving $R\left(F\left(y ight) ight)\ ee  eg G\left(y ight)$ with $G\left(A ight)ee S\left(w ight)$ gives	
$\bigcirc \ S\left( F\left( A ight)  ight) \ ee R\left( F\left( A ight)  ight)$	
$@\ S\left(w\right)\vee R\left(F\left(A\right)\right)$	
None of the others	
$\bigcirc \ S\left( y ight) ee R\left( F\left( A ight)  ight)$	
$\bigcirc \; S\left(A ight) ee R\left(F\left(A ight) ight)$	
	Resolving $R\left(F\left(y ight) ight) ee  eg G\left(y ight)$ with $G\left(A ight) ee S\left(w ight)$ gives $S\left(F\left(A ight) ight) ee R\left(F\left(A ight) ight)$ $S\left(w ight) ee R\left(F\left(A ight) ight)$ None of the others $S\left(y ight) ee R\left(F\left(A ight) ight)$

Quiz Score: 4 out of 4