

Students who have borrowed all books by Adam Smith - Students who have truth value T in the table shown - But how do we assign the truth values?

The logical statement to evaluate:

If **there is a book by Adam Smith**, **the student has borrowed it.**


P


Q

The Boolean Logic Form:

$P \rightarrow Q$ (P implies Q) $\equiv \neg P \vee Q$

P	Q	$P \rightarrow Q$	$\neg P \vee Q$
F	F	T	T
F	T	T	T
T	F	F	F
T	T	T	T

Student	Truth Value
s1	T
s2	T
s3	F
s4	F
s5	T
s6	F
s7	T