

# Introduction to Logical Reasoning

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## Workshop on Statement Classification

**Part I:** For each statement below indicate whether it is a simple or compound statement. If it is simple, indicate whether it is negative or positive. If it is compound, indicate whether it is conjunctive, disjunctive, hypothetical, or some combination of these. Do not forget to indicate the type of simple statements that are involved for all compound statements. These statements should be fairly straightforward to classify.

1. The computer scientists love logic.
2. Either the journalism or the business students love logic.
3. The journalism students do not write boring articles.
4. If the journalism students love logic, then the business students are confused.
5. The computer scientists do not like illogical things and the journalism students love to expose illogical thinking in governmental officials.

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## Workshop on Statement Classification

**Part II:** For each statement below indicate whether it is a simple or compound statement. If it is simple, indicate whether it is negative or positive. If it is compound, indicate whether it is conjunctive, disjunctive, hypothetical, or some combination of these. Do not forget to indicate the type of simple statements that are involved for all compound statements. Some of these statements may require a little more thought.

1. The journalism students will confuse the business students, unless the business students are clever.
2. If both the journalism and the business students sleep through logic, then the professor will not talk quietly.
3. If either the journalism students work for Al Jazeera or the communication students win Academy Awards, then the business students will transfer to Northwestern while the computer scientists will be jealous.
4. Study logic every night and you will get a good grade in the class.