

Introduction to Logical Reasoning

Workshop on Statement Classification

Part I: For each proposition below indicate whether that statement is simple or compound. If it is simple, indicate whether it is positive or negative. If it is compound, indicate whether is conjunctive, disjunctive, hypothetical, or some combination of these. These ones should be fairly straightforward.

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.
6. If journalists do not understand logic, then their articles will not be enjoyable to read.

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Part II: For each proposition below indicate whether that statement is simple or compound. If it is simple, indicate whether it is positive or negative. If it is compound, indicate whether is conjunctive, disjunctive, hypothetical, or some combination of these. Some of these 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. The computer scientists loving logic causes the journalists to become curious about computers.
5. Study logic every night and you will get a good grade in the class.