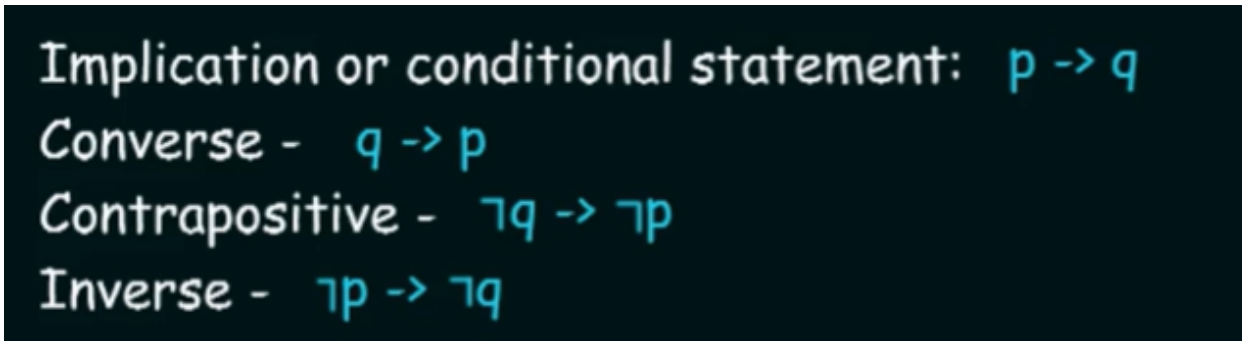
Lecture 9. Converse(逆命题), Contrapositive(逆否命题) and Inverse (否定命题)



- **Converse（逆命题）**：给定一个条件语句，其逆命题是通过交换条件和结论而得到的命题
- **Contrapositive（逆否命题）**：给定一个条件语句，其逆否命题是将条件和结论都否定并交换位置得到的命题
- **Inverse（否定命题）**：与逆命题和逆否命题不同，否定命题是仅仅对原始条件语句中的条件部分进行否定，而保持结论不变

Facts:

- Implication and contrapositive both are equivalent
- converse and inverse both are equivalent
- Nither converse nor inverse is equivalent to Implication