For any implication $P \implies Q$, there are four related statements:

- **positive:** $P \implies Q$;
- **converse:** $Q \implies P$;
- **inverse:** $\neg P \implies \neg Q$;
- **contrapositive:** $\neg Q \implies \neg P$.

- The positive and the contrapositive are **equivalent**.
- **Note!!!!** The positive and the converse and **not equivalent!!!!!!!1!**