## CSCI 301 - Lecture 12 - Contrapositive Proof

## Ex B.Z Proof Strately

Suppose a or b is not even.

Case 1: a and b are both odd

Let a = 2k+1b = 2j+1

- Show arb is odd or ab is odd

## Case 2:

One of a, b is odd

Suppose WLOG a is even, b is odd

Let a= 2K

b = 2j+1

- Show arb is odd or abisodd.