Read

Symbolically Write Guidelines,

which is posted both on the homework page and handout page for your convenience.

Exercise. A variant of Exercise 3.2.5.   §3.2
                                                                                              p112

Conjecture 2. For all integers a and b, if ab is even, then a is even or b is even.

a. Sybolically write Conjecture 2.

cut this out and put your solution here

b. Determine if Conjecture 2 is true or false. If Conjecture 2 is true, then write a formal proof of Conjecture 2. If Conjecture 2 is false, then provide a counterexample that shows (and clearly explains) why Conjecture 2 if false.