Evaluation of Proof Exercise

Following the instructions for (linked) *Evaluation of Proofs* exercises (which also are posted on the course homework page), evaluate the below justification of the given conjecture.

. Conjecture **B**. For all integers m and n, if mn is an even integer, then m is even or n is even.

Proved Proof. For either m or n to be even, there exists an integer k such that m = 2k or n = 2k. So if we multiply m and n, the product will contain a factor of 2 and, hence, mn will be even. \Box

.....

DELETE this whole sentence and THEN put your answer to ALL parts down here.