Assignment #2

DS

1. Using the laws of logic show that ****
2. If p and q are both contradictions, what can you say about p→q?
3. Consider the given argument

Premises

Using the rule of Inference, show that premises lead to the conclusion .

1. Prove that.(Hint: don’t specify by taking sets, use general approach)
2. Prove that (A – B) – C = (A – C) – B for all set A, B, and C
3. Write summation and proof of arithmetic series, geometric series, convergent series, natural logarithm, and Fibonacci series.