- 7. Complete the following assignment prior to Meeting #17:
 - A. Study our notes from Meeting #16.
 - B. Comprehend Jim's sample response to Quiz 16.
 - C. Comprehend Entry #037A-D of our Glossary.
 - Note that while serving as the TV-color-commentator during a Utah Jazz basketball D*. game, Matt Harping suggested that because a player who had just missed one foul shot would likely make the next because the probability of his making a foul shot is 70%.

Assuming that p(A) = 0.70 where A is the event that the player shoots a foul shot and makes it, assess the veracity of Matt's declaration. In your assessment, make reference to the independence or dependence of two events (e.g., the event that a player makes the first of two foul shots and the event that the player makes the second of two foul shots).

Express your assessment in two paragraphs and upload the resulting pdf document on the appropriate Canvas assignment link.

- E. From the Video Page of Canvas, view with comprehension "Probability of making two shots in six attempts"
- F*. From the Video Page of *Canvas*, view with comprehension "The Monty Hall Problem Explained." Then write a paragraph that addresses the following question: How, if at all, does the Monty Hall problem relate to Bayes' theorem and Bayesian statistics?
- G. Comprehend Jim's sample responses to the homework prompts that are posted on Canvas.

Canvas.

3 M As seen in the tree diagram, the probability of making the second shot is .7, which is the same -E 2 M as the probability of naking the first. This means the events of making a fool shot are independent. P(MM) = .767)=.49.

As a basketball player, I do not believe that the 2 events are independent. The crowd, the pressure, knowing the outcome of The first event, etc, all combine to make the second shot less independent However, I believe for the able of this question, they are independent events

When a door is removed, you have new evidence. Then by computing the statistic again, you come closer to the "firth". This is like Bayes' Theorem. The more new evidence you obtain and then compute Bayes Theorem, the more